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MONTANA ENERGY RESOURCE GUIDE

A directory of energy education resources

prepared by

Julie Palakovich

1984

Energy Division
Montana Department of Natural Resources and Conservation
32 South Ewing
Helena, Montana
59620



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HOW TO USE THIS GUIDE

This resource guide has been prepared to help teachers, librarians, and citizens locate energy information. It describes those agencies involved in energy education and lists the speakers, films, displays, and publications they provide. These lists were compiled from information submitted by the agencies. It is not an attempt to list all organizations in the state that deal with energy, nor does it intend to promote one source of information over another.

Agencies are listed in the guide both alphabetically and according to subject. To locate information on a particular topic, use the Subject Index. Several appendixes have been added to provide further information. These include: Federal Sources of Information, County Extension Agents, Montana Power Consumer Services Managers, Rural Electric Cooperatives, Special Project Contacts, Human Resource Development Councils, a Listing of Entries by Subordinate Agency, and a listing of Energy Information Centers.



ALTERNATIVE ENERGY RESOURCES ORGANIZATION (AERO)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Alternative Energy Resources Organization (AERO) is a nonprofit citizens' organization whose goal is to promote energy efficiency and reliance upon renewable sources of energy. It is controlled by a citizen board of directors with state-wide representation.</p> <p>Associate organization, the New Western Energy Show, is semi-autonomous and described in more detail under a separate heading.</p> <p>Contact:</p> <p>Alan Okagaki 324 Fuller, C-4 Helena, MT 59601 443-7272</p>	<p>Conducts conferences, seminars, hands-on workshops, and public informational meetings on wind and solar energy, hydro-power, fuel alcohol, wood-burning safety and rammed earth construction.</p> <p>Sponsors the New Western Energy Show in Helena, which tours Montana schools with energy activities for children.</p>	<p><i>Get Your Hands on Energy.</i> \$5.35 (postpaid).</p> <p><i>The Energy Show.</i> \$3.70</p> <p><i>AERO Sun-Times.</i> Monthly magazine for members. 60 other titles also available from AERO.</p> <p>To obtain publications:</p> <p>Mail order sales are made from the AERO office at 324 Fuller, C-4, Helena, MT 59601.</p>	<p>Speakers:</p> <p>Available.</p> <p>Displays:</p> <p>Available.</p> <p>To obtain speakers or materials:</p> <p>Contact agency.</p>

BASIN ELECTRIC POWER COOPERATIVE

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Basin Electric Power Cooperative is a bulk wholesale electric power supplier for a federation of over 100 rural electric power supply and distribution cooperatives in eight states of the Missouri River Basin.</p> <p>Contact:</p> <p>Nancy E. Wolf 1717 E. Interstate Ave. Bismarck, ND 58501 (701) 223-0441</p>	<p>Provides staff for large energy-related conferences and seminars.</p> <p>Member REC's (rural electric cooperatives) provide staff assistance for various energy-related programs.</p>	<p><i>Dwelling With Conservation.</i> A guide to home energy management.</p> <p><i>How to Save Money with an Energy Efficient Home.</i> General information about retrofit for the do-it-yourselfer.</p> <p><i>Energy From the Sun.</i> Operation and performance of solar water heating systems.</p> <p><i>Cooperative Conservation.</i> Pamphlet. Describes Basin Electric's involvement in energy conservation and resource sharing projects.</p> <p><i>Energy From the Sun.</i> Pamphlet. Describes headquarter building's solar heating system.</p> <p>To obtain publications:</p> <p>Publications available at \$1.00 per copy. Pamphlets available upon request. Contact agency.</p>	<p>Slides:</p> <p><i>The Insulation Story.</i></p> <p><i>Residential Energy Audit.</i></p> <p>Video-tapes:</p> <p><i>Cooperative Conservation.</i> Outlines Basin Electric's involvement in various conservation and resource-sharing projects.</p> <p><i>Home Energy Conservation "Wood Heat"</i></p> <p><i>How to Keep the Heat in Your House</i></p> <p><i>Opening Your Home to Solar Energy</i></p> <p><i>Energy vs. Demand</i></p> <p>Film:</p> <p><i>Saving Energy At Home.</i> Identifies major sources of home energy use.</p> <p>Displays:</p> <p>Energy Conservation Display.</p> <p>Energy/Demand Simulator Display.</p> <p>To obtain materials:</p> <p>Contact agency.</p>

BILLINGS COMMUNITY ENERGY PROGRAM (BiCEP)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>BiCEP is a volunteer citizens' organization serving the city of Billings and Yellowstone County. It is dedicated to the encouragement of energy conservation and the use of renewable energy sources.</p> <p>Contact:</p> <p>Wilson Clark, Sec./Treas. Box 476 Billings, MT 59103 245-6144</p>	<p>Organizes and promotes workshops, seminars, and conferences on energy conservation and renewable energy resources.</p> <p>Supports, through matching funds, energy education and energy conservation projects and activities by other citizens' organizations. Proposals are welcome, but can be considered only from the Billings/Yellowstone County area.</p>		<p>Speakers:</p> <p>Available on an irregular basis. Speakers Bureau will be organized in the near future to distribute the results of the Yellowstone County Energy Study and the Energy Futures Conference, held in late 1981.</p> <p>To obtain speakers:</p> <p>Contact the BiCEP secretary/treasurer.</p>

BONNEVILLE POWER ADMINISTRATION (BPA)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Bonneville Power Administration, an agency of the U.S. Department of Energy, is the power marketing agency for federally produced electrical energy in the Pacific Northwest.</p> <p>Contact:</p> <p>George E. Eskridge Montana District Manager 800 Kensington Missoula, MT 59801 329-3860</p>	<p>Provides general information on energy production, energy conservation, and renewable energy sources.</p>	<p>About BPA.</p> <p><i>Living in a Glass House.</i> 5-book series.</p> <p><i>Columbia River Power.</i></p> <p><i>Do-It-Yourself Home Weatherization Guide.</i></p> <p><i>Small Wind Energy Conversion Systems.</i></p> <p><i>Wind Power.</i> Describes small wind project.</p> <p><i>Pump Testing.</i></p> <p><i>Weatherization.</i></p> <p><i>Living Laboratory.</i> On BPA conservation experiments at Midway, Wash.</p> <p><i>Electrical & Biological Effects of Transmission Lines: a Review.</i></p> <p><i>Living and Working Around High Voltage Powerlines.</i></p> <p><i>Solar Home Show (Homes Designed for the Solar Builder's Program).</i></p> <p><i>Mickey Mouse and Goofy Explore Energy.</i></p> <p><i>Mickey Mouse and Goofy Explore Energy Conservation.</i></p> <p><i>Firm, Secondary, and Surplus Hydropower.</i></p> <p>To obtain publications:</p> <p>Publications distributed free of charge to persons in BPA service area (western Montana).</p>	<p>Films:</p> <p><i>Great River.</i> 29 min. Covers the multipurpose development of the Columbia River Basin with emphasis on power, flood control, irrigation, reclamation, and environment. Includes scenes of Hungry Horse and Libby Dams, and the Anaconda Co.'s aluminum plant at Columbia Falls, Mont.</p> <p><i>Intertie.</i> 29 min. Tells the story of the Pacific Northwest-Pacific Southwest Intertie, which consists of several extra-high voltage lines, each about 800 miles long. It is the largest single transmission program ever undertaken in the U.S.</p> <p><i>The World Behind Your Light Switch.</i> 28 min. Describes BPA crews that work round the clock in every kind of weather—on the ground, in the air, and beneath the sea.</p> <p><i>Power for a Nation.</i> 28 min. Traces early development of electric power in the U.S. and describes the role of the federal government in producing a portion of that power. Features many Northwest scenes, including Hungry Horse and Libby Dams.</p>

BONNEVILLE POWER ADMINISTRATION (BPA) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
			<p><i>The Hottest Show on Earth.</i> 28 min. Outlines the current energy situation. Explains how insulation can ease the pressure on our dwindling fuel resources.</p> <p><i>Saving Tomorrow's Resources.</i> 22 min. Discusses the future of 1200 KV transmission lines in supplying electricity to the Northwest. Shows how escalating energy demands require new solutions to the problem of getting power to the consumer.</p> <p>Exhibits: Available. Contact agency for description.</p> <p>Speakers: Available.</p> <p>To obtain materials: Contact agency.</p> <p>Requirements for obtaining materials: Films available upon request. Schedule in advance during school year.</p>

CONOCO, INC.

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Conoco, Inc. is a company that processes and markets energy resources and explores for new fuel sources.</p> <p>Contact:</p> <p>Joan Watts Marketing/WCO P.O. Box 2548 Billings, MT 59103 252-3841</p>	<p>Provides information on a variety of energy resources.</p>		<p>Speakers:</p> <p>14 speakers available in Montana for high school, vo-tech, and college classes, and the general public.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

ENERGY AND MAN'S ENVIRONMENT (EME)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Energy and Man's Environment is a nonprofit organization that seeks to increase public knowledge about energy. EME develops instructional materials for use in public schools, and provides in-service training on energy issues for educators and the general public.</p> <p>Contact:</p> <p>Gary D. Swant State Coordinator 113 North Frontage Rd. Deer Lodge, MT 59722 846-2451</p>	<p>Assists in teaching about energy by providing educators or the general public with</p> <ul style="list-style-type: none"> • speakers, • tours, and • hands-on activities. <p>Conducts a summer workshop on the Montana coal development issue.</p>	<p><i>Adventures of Mini-Volts and Wastey Watts.</i></p> <p><i>Conservation of Energy Activity Guide.</i></p> <p><i>Energy E.Q. Test.</i></p> <p><i>Energy Glossary.</i></p> <p><i>Energy Conservation Corps.</i></p> <p>Energy Lesson Plan Notebooks K-6.</p> <p>Grades 7-12 Subject Matter Lesson Plan Packets.</p> <p>Duster & Gusher Simulation Game</p> <p>Natural Gas Story Kit</p> <p>To obtain publications:</p> <p>Materials available for purchase from agency. They are free of charge as part of school workshops.</p>	<p>Posters:</p> <p>Energy Eye Chart Poster.</p> <p>Energy Calendar.</p> <p>Coal Poster.</p> <p>Oil Poster.</p> <p>Natural Gas Poster.</p> <p>Nuclear Poster.</p> <p>Water Poster.</p> <p>Speakers:</p> <p>Available for curriculum workshops.</p> <p>To obtain materials or speakers:</p> <p>Contact agency.</p>

EXXON COMPANY, U.S.A.

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Exxon is a corporation that processes and markets energy resources and explores for new fuel sources.</p> <p>Contact:</p> <p>Charles W. Paris P.O. Box 1163 Billings, MT 59103 657-5204</p>	<p>Provides information on a variety of energy resources.</p>	<p><i>Exxon's Energy Outlook, 1978-1990.</i></p> <p><i>Exxon Company, U.S.A.'s Energy Outlook 1977-1990.</i> 1977.</p> <p><i>Developing the Many Sources of Energy.</i> 1977.</p> <p><i>Tomorrow's Energy... Today's Challenge.</i> Remarks by L.G. Rawl, Executive Vice President, Exxon Co.</p> <p><i>World Energy Outlook.</i> 1977.</p> <p><i>Middle East Oil.</i> 1976.</p> <p><i>The Offshore Search for Oil and Gas.</i> 1975.</p> <p><i>Technology in the Search for Energy.</i> 1976.</p> <p><i>Does Oil Affect the Marine Environment?</i></p> <p><i>Exxon and the Environment.</i> 1975.</p> <p><i>Environmental Conservation.</i> Progress report. 1977-78.</p> <p><i>The Case for Diversification.</i> Submission of Exxon Co., U.S.A., before the Senate Judiciary Subcommittee on Antitrust and Monopoly.</p> <p><i>Energy and Economic Progress.</i> Remarks by Randall Meyer, President, Exxon Co.</p> <p><i>The Charges and the Facts.</i> 1976.</p> <p><i>OPEC: Questions and Answers.</i> 1976.</p>	<p>Films:</p> <p><i>A Funny Thing Happened on the Way to the Gas Station.</i> Story of a 13-year-old boy's journey following the production of gasoline from a well in Texas to a service station in New Jersey.</p> <p><i>World Beneath the Sea.</i> Man's search for oil and gas off the coasts of the U.S. Describes how offshore drilling has developed. Shows various types of platforms used today.</p> <p><i>Three E's.</i> Describes the complex relationship between energy, economics, and environment.</p> <p><i>Faces of Energy.</i> Documentary. Tells the story of the petroleum industry through individual portraits of workers.</p> <p><i>Nuclear Energy: Power for Today and Tomorrow.</i> Describes Exxon's part in the search for mining, milling, and fabrication of nuclear fuel for power generation.</p>

EXXON COMPANY, U.S.A. (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Are the Major Oil Firms Propping up OPEC?</i></p> <p><i>Mickey Mouse and Goofy Explore Energy.</i> Comic book.</p> <p><i>Mickey Mouse and Goofy Explore Energy Conservation.</i> Comic book.</p> <p>To obtain publications: Contact agency. Comic books should be ordered 30 days in advance.</p>	<p>Speakers: J.H. Burch R.E. Hanson</p> <p>Speakers available on all forms of energy, including oil, gas, nuclear, solar, wind, geothermal, coal, and tidal. Exploration, production, transportation, refining, and marketing aspects are covered along with economic and governmental concerns. Talks are tailored to the group.</p> <p>To obtain films or speakers: Contact agency.</p>

GREAT FALLS GAS COMPANY

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Great Falls Gas Company is a utility company distributing natural gas to the Great Falls area.</p> <p>Contact:</p> <p>Sheila Rice #1 River Park Tower Box 2229 Great Falls, MT 59403 761-7100</p>	<p>Provides energy audits to customers to help reduce fuel consumption.</p> <p>Provides workshops and technical assistance to builders, lenders, and appliance dealers.</p> <p>Provides presentations to Great Falls schools and consumer groups.</p>	<p><i>Natural Gas Safety.</i></p> <p><i>Gas: The Future Belongs to the Efficient.</i> Advice on appliance selection.</p> <p>To obtain publications:</p> <p>Publications free in reasonable quantities.</p> <p>Other publications for teachers and schools in Great Falls available from:</p> <p>AGA Educational Services 1515 Wilson Blvd. Arlington, VA 22209</p> <p>Write for free catalogue.</p>	<p>Filmstrip:</p> <p><i>Natural Gas: The Science Behind the Burner.</i></p> <p>Films:</p> <p><i>Natural Gas in the 80's.</i> Several ethnic cooking films.</p> <p>Junior High—High School Presentations:</p> <p><i>Natural Gas Production—an overview.</i></p> <p><i>Energy Conservation—an overview.</i></p> <p><i>Window Treatments for Energy Conservation.</i></p> <p><i>Selection and Use of Appliances with an Eye to Energy Conservation.</i></p> <p><i>Alternative Sources of Methane/ The Future of Natural Gas.</i></p> <p><i>Gas Barbecuing—Outdoor Grilling at Its Finest.</i></p> <p><i>Gas Cooking Demonstrations.</i> Varies according to school level.</p> <p><i>The Gas Cooking Advantage.</i> Designed for schools without gas ranges.</p>

GREAT FALLS GAS COMPANY (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
			<p><i>Principles of Gas Combustion.</i> For students with an understanding of chemistry equations.</p> <p><i>Architectural Considerations for Heating and Air Conditioning.</i></p> <p><i>Cooking for Profit.</i> On commercial food service.</p> <p>Elementary School Presentations:</p> <p><i>Natural Gas Serves Our Community—Gas Supply from Well to Burner.</i></p> <p><i>Energy Conservation—What You Can Do.</i></p> <p><i>Fossil Fuels—History, Uses, Future.</i></p> <p>Variations of junior high and high school topics also available at elementary levels.</p> <p>To obtain films or speakers: Contact agency. Prescheduling required for film and filmstrip.</p>

MONTANA ASSOCIATED UTILITIES, INC.

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Montana Associated Utilities, Inc. is an association of rural electric cooperatives. It provides job and safety training as well as educational, advertising, and joint purchasing services to its members. It also lobbies for the group's interests.</p> <p>Contact:</p> <p>Jay T. Downen P.O. Box 1306 Great Falls, MT 59403 761-8333</p>	<p>Provides energy conservation information and weatherization assistance.</p> <p>Performs energy audits.</p> <p>These services vary by local group. See Appendix D for listing of cooperatives.</p>	<p><i>Rural Montana.</i> Monthly magazine for member cooperatives.</p> <p>Other publications available.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Audiovisual Materials:</p> <p>Available.</p> <p>To obtain materials:</p> <p>Contact agency.</p>

MONTANA BUREAU OF MINES AND GEOLOGY

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Bureau of Mines and Geology is a department of the Montana College of Mineral Science and Technology. It promotes the use of mineral resources through the investigation of their geology, methods of production, and economics. It also disseminates information through publications and replies to individual inquiries.</p> <p>Contact:</p> <p>Edward C. Bingler Director and State Geologist College of Mineral Science and Technology Butte, MT 59701 496-4179</p>	<p>Evaluates local coal fields with the federal government to determine extent, reserves, and rank of coal.</p> <p>Assesses Montana's potential for geothermal energy production. This is a joint project with the federal government.</p> <p>Provides advisory service on request.</p>		<p>Speakers:</p> <p>Occasionally available.</p> <p>Map:</p> <p><i>Geothermal Resources of Montana</i></p> <p>To obtain speakers:</p> <p>Contact agency.</p>

MONTANA CHAMBER OF COMMERCE

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Chamber of Commerce is a nonprofit, membership-supported organization serving the business community of Montana.</p> <p>Contact:</p> <p>Janelle Fallan Public Affairs Manager P.O. Box 1730 Helena, MT 59624 442-2405</p>	<p>Provides speaker on the energy crisis.</p>		<p>Speaker:</p> <p>Bill Vaughney Havre, Mont.</p> <p>Topic: the energy crisis, including its origins and possible solutions, with emphasis on Montana.</p> <p>To obtain speaker:</p> <p>Contact agency.</p>

MONTANA COAL BOARD

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Coal Board is a division of the Department of Commerce. Its function is to assist local governments in expanding their services when this is made necessary by coal development.</p> <p>Contact:</p> <p>Murdo A. Campbell Department of Commerce 1424 9th Ave. Helena, MT 59620 444-4483</p>	<p>Awards grants and loans to local governments for facilities and services that must be expanded due to coal development.</p>	<p><i>Procedures for Applying for Grants.</i></p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Slide Presentation:</p> <p><i>What is the Montana Coal Board?</i> 13 min.</p> <p>To obtain materials:</p> <p>Contact agency.</p>

MONTANA COAL COUNCIL

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Coal Council is an organization which promotes coal development in Montana through public relations and lobbying.</p> <p>Contact:</p> <p>James D. Mockler Executive Director 2301 Colonial Dr. Helena, MT 59601 442-6223</p>	<p>Coordinates lobbying efforts of coal producers in the state.</p>	<p><i>Montana Coal Council Bulletin.</i> Monthly newsletter.</p> <p><i>Montana Coal.</i> Fact sheet.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Slide/tape presentation:</p> <p><i>Montana Coal: A Treasure Under the Big Sky.</i> 17 min.</p> <p>Speaker:</p> <p>Jim Mockler Executive Director</p> <p>To obtain materials or speaker:</p> <p>Contact agency.</p>

MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY

Alternative and Renewable Energy Program

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Alternative and Renewable Energy (ARE) option for a B.S. Degree in Engineering Science deals with relatively inexhaustible energy sources such as solar, wind, hydroelectric, biomass, and geothermal energy.</p> <p>Contact: Richard Alexander ARE Department of Engineering Science Montana College of Mineral Science and Technology Butte, MT 59701 496-4440</p>	<p>Deals with the principles, problems, and design practices associated with using renewable energy sources to help solve our nation's critical energy problems.</p>		

MONTANA CONSUMER COUNSEL

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The office of Consumer Counsel exists as an advocate in utility-contested case proceedings on behalf of the consuming public. The Consumer Counsel is currently James C. Paine. He is assisted by a rate analyst, a staff attorney, and an administrative assistant.</p> <p>Contact:</p> <p>Jim Paine Consumer Counsel 34 W. Sixth Ave. Helena, MT 59620</p>	<p>Represents the consuming public in rate proceedings before the Public Service Commission and in appeals to the Courts.</p> <p>Facilitates public comment at rate proceedings.</p> <p>Acts as a resource for the resolution of individual utility-related complaints.</p>	<p><i>Consumer Counsel Annual Report.</i></p> <p>To obtain publication:</p> <p>Contact agency.</p>	<p>Speakers:</p> <p>Representatives of agency may be available to speak on Consumer Counsel functions and to provide information on utility issues.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

MONTANA COOPERATIVE EXTENSION SERVICE

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Cooperative Extension Service is part of the Montana University System. Its purpose is to provide informal education in the areas of agriculture, home economics, family life, and community development. Extension agents provide services in 53 counties throughout the state. A listing of extension offices is included in Appendix B.</p> <p>Contacts:</p> <p>Dr. Michael P. Vogel Housing and Residential Energy Specialist Montana State University Taylor Hall Bozeman, MT 59717 994-3451</p> <p>Roy Linn Farm Safety and Energy Specialist 406 Cobleigh Hall Montana State University Bozeman, MT 59717 994-2275</p>	<p>Educates the general public in energy use and conservation through presentations, workshops, publications, and technical assistance.</p> <p>— Energy Information Center Program 62 centers in state to distribute free energy publications. A listing of the centers is included in Appendix H.</p>	<p><i>Auxiliary Heating Systems.</i></p> <p><i>Winter Survival in the Home.</i></p> <p><i>Chain Saw Safety.</i></p> <p><i>Chimney Cleaning.</i></p> <p><i>Smoke and Heat Detectors.</i></p> <p><i>Why Weatherize Your Home?</i></p> <p><i>How to Determine Your Insulation Needs.</i></p> <p><i>Saving Heating and Cooling Dollars with Weatherstripping and Caulking.</i></p> <p><i>How to Save Money with Storm Doors and Windows.</i></p> <p><i>Keeping Home Heating and Cooling Equipment in Top Shape.</i></p> <p><i>Landscaping to Cut Fuel Costs.</i></p> <p><i>Home Management Tips to Cut Heating and Cooling Costs.</i></p> <p><i>Locating New Home Sites to Save Fuel.</i></p> <p><i>What to Look for in Selecting Insulation.</i></p> <p><i>How to Install Insulation for Walls.</i></p> <p><i>Solving Moisture Problems with Vapor Barriers and Ventilation.</i></p> <p><i>Weatherize Your Mobile Home to Keep Costs Down, Comfort Up.</i></p> <p><i>Tips on Financing Home Weatherization.</i></p> <p><i>Light it Right.</i></p>	<p>Presentations:</p> <p>Residential Energy Programs:</p> <p><i>Home Heating Applications and Alternatives.</i> Includes the following programs: Wood As A Fuel Passive Solar Heating Auxiliary/Supplemental Heating Options Central Home Heating Systems</p> <p><i>Passive Solar Retrofit for Existing Homes.</i> Includes these programs: Attached Solar Greenhouses Natural Convection Collectors Direct Gain Solar Applications Determining Passive Solar Installation Suitability</p> <p><i>Window Retrofit.</i> Includes these programs: Window Heat Transfer Economics of Window Retrofit Weatherization of Windows Insulated Shutters Solar Advantages of Windows</p>

MONTANA COOPERATIVE EXTENSION SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Carol Jo Thompson Interior Design and Household Equipment Specialist Montana State University Taylor Hall Bozeman, MT 59717</p> <p>James Bauder Soils Scientist Johnson Hall Montana State University 994-3515</p> <p>Alternate Contacts:</p> <p>Don Baldridge Agronomist Montana State University Johnson Hall Bozeman, MT 59717 994-3515</p> <p>See Listing of county agents in Appendix B.</p>		<p><i>Insulating Windows: The Inside Story.</i></p> <p><i>Materials Necessary for Soft Insulated Window Treatments.</i></p> <p><i>How to Make Cornices, Valances, and Variations Thereof.</i></p> <p><i>How to Make Insulated Roman Shades and Variants Thereof.</i></p> <p><i>Wood As A Fuel.</i></p> <p><i>Montana Home Energy Savings Handbook for Homeowners.</i></p> <p><i>Montana Sunpower Volume I—Active Solar Homes.</i></p> <p><i>Montana Sunpower Volume II—Passive Solar Homes.</i></p> <p><i>Montana Renewable Energy Handbook.</i></p> <p><i>Passive Solar Heating.</i></p> <p><i>Passive Solar Retrofit.</i></p> <p><i>Passive Solar Design Checklist.</i></p> <p><i>Passive Solar Retrofit Considerations.</i></p> <p><i>Direct Gain Passive Solar Heating.</i></p> <p><i>Window Heat Loss and Condensation.</i></p> <p><i>Storm Window Options.</i></p> <p><i>Water Conservation Checklist.</i></p> <p><i>Home Energy Conservation Checklist.</i></p> <p><i>Burning Straw: Effects on Soil and Wheat Yields.</i></p>	<p><i>Residential Energy Saving Practices.</i></p> <p>Includes programs on:</p> <ul style="list-style-type: none"> Infiltration Control Insulation Selection and Application Home Energy Auditing Ventilation and Moisture Control Home Cooling Strategies <p><i>Energy Efficient Design Options for New Construction.</i></p> <p><i>Home Appliance Selection.</i></p> <p>Residential Energy Displays:</p> <p><i>Home Energy Conservation Poster Display.</i></p> <p>16 poster panel display illustrating weatherization strategies for the home. The display is a freestanding floor display. Is available with weatherization slide program and 14 weatherization factsheets.</p> <p><i>Wood As A Fuel Poster Display.</i></p> <p>9 poster panel display illustrating aspects of using wood as a fuel. Display is freestanding and is available with Wood As A Fuel publications.</p>

MONTANA COOPERATIVE EXTENSION SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Farm Operation Fuel Requirements</i></p> <p><i>Tools for Conservation Tillage</i></p> <p><i>Economics of No-till Wheat Production</i></p> <p><i>Scheduling Irrigation with Evaporation Pans</i></p> <p>To obtain publications: List is partial. Contact agency.</p>	<p><i>Energy Information Center Literature Display</i> 30 literature displays throughout the state of Montana. Centers provide free publications on renewable energy and conservation of energy. A listing of the energy information center sites is included in Appendix H.</p> <p>Residential Energy Visuals, Youth Resources and Books:</p> <p>Over 40 visuals including slide programs, films, and video tapes are available from the Extension Service. Topics include solar heating, home conservation, window retrofit, weatherization, etc.</p> <p>Activity guides for youth energy programs also are available from the Extension Service. Over 50 guides covering hundreds of energy activities are available to schools, clubs, and organizations.</p> <p>Energy-related books dealing with all aspects of home energy are available.</p> <p>Contact agencies for current visual, resource, display and book listings.</p>

MONTANA COOPERATIVE EXTENSION SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
			<p>Agriculture Energy/Safety:</p> <p><i>Wood Stove Installation and Safety</i> Covers installation, maintenance, and efficient operation of wood stoves and fireplaces.</p> <p><i>Energy from Biomass and Residues.</i> Covers alcohol fuel production, alcohol separation, and necessary changes in spark ignition engines for alcohol use; methane gas from animal waste; and use of wood chips, sawdust, paper, and straw.</p> <p><i>Vegetable Oil as an Alternative to Diesel Fuel.</i> Covers performance and problems of alternative fuels for diesel engines. Includes a demonstration of vegetable oil and diesel fuel mixture under dynamometer test conditions.</p> <p><i>Solar Energy.</i> Covers collectors, energy storage, and solar energy application in agriculture. This includes grain drying and solar drying of the alcohol by-product "stillage."</p> <p><i>Wind Power for Farms, Homes, and Small Industry.</i> Covers evaluation of energy requirements and buying, installing, and owning a wind system.</p>

MONTANA COOPERATIVE EXTENSION SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
			<p><i>Energy Conservation by Improving Tractor Efficiency.</i> Covers tractor-equipment matching, operating speeds, and weighting to control slippage.</p> <p>Farm Practices:</p> <p><i>Energy Efficient Farm Practices.</i> Covers no-till, minimum till, and chemical fallow methods of agriculture. Also covers energy saving irrigation scheduling.</p> <p>Window Coverings:</p> <p><i>Thermal Efficient Window Coverings and Home Lighting.</i></p> <p>To obtain speakers: Contact Dr. Michael Vogel for presentations listed under "Residential Energy Programs," Roy Linn for presentations listed under "Agriculture Energy/Safety," James Bauder for "Energy Efficient Farm Practices," Carol Jo Thompson for "Window Coverings." Or contact your local county agent (listing in Appendix B).</p>

MONTANA-DAKOTA UTILITIES COMPANY (MDU)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Montana-Dakota Utilities Company is a supplier of natural gas to approximately 40,000 customers in the Billings area, 10,000 customers in the Wolf Point area, and 17,000 in the Glendive-Miles City Area. It also provides electric service to customers in the Wolf Point, Glendive, and Miles City areas.</p> <p>Contact:</p> <p>Daniel Sharp 400 N. 4th St. Bismarck, ND 58501 (701) 222-7769</p> <p>Regional Offices:</p> <p>Karen Edwards Box 2546 Billings, MT 59102 245-4161</p> <p>Peggy Fillenworth Box 201 Glendive, MT 59330 365-5251</p> <p>Steve Reddins or Susan Rabenberg Box 790 Wolf Point, MT 59201 653-1550</p>	<p>Provides on-site energy audits to residential customers.</p> <p>Issues interest-free weatherization loans to qualified customers (maximum \$2,000).</p> <p>Offers a variety of programs on energy-related topics.</p>	<p>Available.</p> <p>To obtain publications:</p> <p>Contact regional office.</p>	<p>Audiovisual Materials:</p> <p>Available.</p> <p>Speakers:</p> <p>Available. Topics: natural gas, electricity, coal, alternate energy, the environment, utility finance, utility rates, and energy conservation.</p> <p>To obtain materials or speakers:</p> <p>Contact regional office.</p>

MONTANA DEPARTMENT OF ADMINISTRATION

Building Codes Division

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Building Codes Division is that branch of the Department of Administration which is responsible for implementation and enforcement of statewide building codes.</p> <p>Contact:</p> <p>W. James Kembel 1218 E. Sixth Ave. Helena, MT 59620 444-3933</p>	<p>Assures that buildings are constructed in a manner that encourages decreased energy consumption.</p> <p>Provides a standard for energy conservation that can be used by all levels of government.</p> <p>Provides training for inspectors, designers, contractors, and the general public to assure implementation of the energy code.</p> <p>Provides information on the energy code upon request to governmental agencies and the general public.</p>	<p><i>Code for Energy Conservation in New Building Construction.</i></p> <p>To obtain publications:</p> <p>Contact agency.</p>	

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS (DFWP)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS														
<p>The Department of Fish, Wildlife and Parks is the state agency responsible for protecting and perpetuating the fish and wildlife of Montana, and for preserving parks and recreational areas for the benefit of Montanans.</p> <p>Contact:</p> <p>Conservation Education Division Capitol Station Helena, MT 59620 444-2535</p> <p>Regional Offices:</p> <table><tr><td>Kalispell</td><td>755-5505</td></tr><tr><td>Missoula</td><td>721-5808</td></tr><tr><td>Bozeman</td><td>586-5419</td></tr><tr><td>Great Falls</td><td>454-3441</td></tr><tr><td>Billings</td><td>252-4654</td></tr><tr><td>Glasgow</td><td>228-9347</td></tr><tr><td>Miles City</td><td>232-4365</td></tr></table>	Kalispell	755-5505	Missoula	721-5808	Bozeman	586-5419	Great Falls	454-3441	Billings	252-4654	Glasgow	228-9347	Miles City	232-4365	<p>Provides information on fish and wildlife habitat and on how it is affected by energy development.</p>	<p><i>Montana Outdoors</i>. Bimonthly magazine.</p> <p>Technical reports available.</p> <p>To obtain publications:</p> <p>Contact agency.</p> <p><i>Montana Outdoors</i> available at newstands or by subscription at \$7.00 per year. Contact Department or call 444-2535.</p>	<p>Films:</p> <p>Films available on fish and wildlife.</p> <p>To obtain films:</p> <p>Films available at no charge. Contact agency.</p>
Kalispell	755-5505																
Missoula	721-5808																
Bozeman	586-5419																
Great Falls	454-3441																
Billings	252-4654																
Glasgow	228-9347																
Miles City	232-4365																

MONTANA DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES (DHES) – Occupational Health Bureau

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Occupational Health Bureau of the Department of Health and Environmental Sciences is the government agency responsible for protecting industrial workers from environmental hazards in work areas and protecting the general public from radiation by monitoring and regulating the use of radioactive materials and radiation producing devices.</p> <p>Contact:</p> <p>Larry Lloyd Cogswell Building, #113A Helena, MT 59620 444-3671</p>			<p>Speaker:</p> <p>Available on limited basis.</p> <p>Topics: health hazards from home insulating materials, radiation safety, quality assurance in medical and dental X-Ray, environmental radioactivity, radon and radon progeny.</p> <p>To obtain speaker:</p> <p>Contact agency.</p>

MONTANA DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES (DHES) – Solid Waste Management Bureau

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Solid Waste Management Bureau is the state agency that administers state programs pertaining to solid waste and hazardous waste management. It also administers the statewide Junk Vehicle Recycling Program and may offer grants for feasibility analysis, design, and construction of resource recovery and recycling programs. In addition, bureau staff provide ongoing technical assistance in all facets of waste management.</p> <p>Contact:</p> <p>Duane Robertson Cogswell Building, #A201 Helena, MT 59620 444-2821</p>	<p>Assists in the development of area-wide waste management systems that are energy efficient.</p> <p>Administers the Junk Vehicle Recycling Program which recovers approximately 6,000 tons of ferrous scrap metal each year.</p> <p>Provides technical assistance to local governments in all aspects of resource recovery and recycling.</p>	<p>Technical publications available on all aspects of energy-related waste management.</p> <p>State study and area plans.</p> <p>To obtain publications:</p> <p>Available on request usually at no charge. Duplicating charges are sometimes required.</p>	<p>Speakers:</p> <p>Available.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

MONTANA DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES (DHES) – Water Quality Bureau

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Water Quality Bureau is the state agency which protects the quality of Montana water. This is done through 1) a program to insure and protect drinking water supplies; 2) a program to improve and maintain sewage treatment; 3) a permit system for controlling the quality of wastewater released into state waters; and 4) a water quality management program.</p> <p>Contact:</p> <p>Tom Ellerhoff Cogswell Building, #A206 Helena, MT 59620 444-2406</p>	<p>Reviews projects under the state's Major Facility Siting Act to assure conformance with water quality standards.</p> <p>Administers the Montana Water Pollution Act.</p> <p>Administers those regulations pertaining to solution extraction of uranium.</p>	<p>Technical publications available.</p> <p>Package outline of laws and permit requirements for water use available.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Speakers:</p> <p>Available. Topics: energy, water quality.</p> <p>Displays:</p> <p>Available.</p> <p>To obtain materials and speakers:</p> <p>Contact agency.</p>

MONTANA DEPARTMENT OF HIGHWAYS

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Department of Highways is the state agency responsible for the planning, construction, and maintenance of Montana highways.</p> <p>Contact:</p> <p>Jerry Toner 2701 Prospect Ave. Helena, MT 59620 444-6200</p>	<p>Operates a vanpool program for Department employees.</p> <p>Offers behind-the-wheel training in a specially equipped car, demonstrating fuel-saving driving techniques to Department employees.</p>		<p>Slide/script presentation:</p> <p>Topic: automobile fuel economy.</p> <p>To obtain materials:</p> <p>Free loan to government agencies or to groups.</p>

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION (DNRC) – Energy Division

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
<p>The Energy Division of DNRC is the state agency that administers the state's energy conservation programs, Montana's Renewable Energy Grants and Loans Program, and the Institutional Buildings Grants Program. It also offers limited technical engineering assistance. In addition, the Division also administers Montana's Major Facility Siting Act, and is responsible for energy emergency planning, energy data collection, and assessment of Montana's sustainable energy resources.</p> <p>Contacts:</p> <p>Louise Moore Conservation and Renewable Energy 32 S. Ewing Helena, MT 59620 444-6696</p> <p>Alan Davis Planning and Analysis 32 S. Ewing Helena, MT 59620 444-6697</p>	<p>Distributes informational materials to the general public and targeted audiences on:</p> <ul style="list-style-type: none"> • building codes, • ridesharing, • energy audits, • energy conservation, • vehicle fuel efficiency, • geothermal energy, • solar energy, • wind, • biomass, and • hydropower. <p>Sponsors workshops for the general public, teachers, and other targeted audiences on the above subjects.</p> <p>Sponsors youth energy workshops for junior high students. This is a joint project with the Cooperative Extension Service.</p> <p>Awards grants and loans on a competitive basis to Montanans involved in research, demonstration, or commercialization of renewable energy.</p>	<p><i>Guidelines for Preparing Grant and Loan Proposals to the Renewable Energy and Conservation Program.</i> 1984. 28 pp.</p> <p><i>Guide to the Renewable Energy Reports Library.</i> 1983. 34 pp.</p> <p><i>Hot Water: Insulate and Save.</i> 1983. 8 pp.</p> <p><i>Mobile Home Energy Savings.</i> 1983. 60 pp.</p> <p><i>Montana Energy Tax Benefits.</i> 1984. 10 pp.</p> <p><i>Montana Energy Almanac.</i> 1980. 202 pp.</p> <p><i>Montana Energy Emergency Contingency Plan.</i> 1981. 189 pp.</p> <p><i>Montana's Energy Resources</i> series:</p> <p> "Wind." 1984. 8 pp.</p> <p> "Small Hydro." 1984. 8 pp.</p> <p> "Geothermal." 1984. 8 pp.</p> <p> "Alcohol Fuels." 1984. 8 pp.</p> <p><i>The Montana Energy Saving Handbook for Homeowners.</i></p> <p><i>Montana Geothermal Handbook.</i> 1980. 47 pp.</p> <p>Lists agencies, regulations, permits, and financial aids for geothermal development.</p> <p><i>Montana Historical Energy Statistics.</i> Fourth Edition, 1980. 83 pp.</p> <p><i>Montana Petroleum Review.</i> 1979, 1980. 40 pp.</p> <p><i>Montana Renewable Energy Handbook.</i> 1981. 114 pp.</p> <p><i>Montana Renewable Energy Viability Project.</i> Design Report. 1980. 103 pp.</p> <p><i>Montana Solar Data Manual.</i> 1980. 20 pp.</p> <p><i>Montana Sunpower. Volume 1, Active Solar Homes.</i> 1982.</p> <p><i>Montana Sunpower. Volume 2, Passive Solar Homes.</i> 1982.</p> <p><i>Northwest Energy Education Management Handbook.</i> 1980. 131 pp.</p>

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION (DNRC) – Energy Division (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
<p>Van Jamison Facility Siting 32 S. Ewing Helena, MT 59620 444-4600</p>	<p>Provides financial assistance for energy audits, and technical assistance in improving energy efficiency in schools, hospitals, local government buildings, and public care facilities.</p> <p>Assesses the need for and analyzes alternatives to proposed major energy conversion and transmission facilities.</p> <p>Collects and disseminates energy data.</p> <p>Prepares environmental impact statements for proposed facilities for generating, converting, or transmitting energy that fall under the Major Facility Siting Act and the Montana Environmental Policy Act.</p>	<p><i>Science Activities in Energy.</i> 1980. Grades 4-6. 6 pp. each. 5-part series consists of solar, wind, chemical, electrical and conservation activities.</p> <p><i>Twelve Ways to Turn Down High Energy Bills.</i> 1982. 24 pp.</p> <p>Listing is partial. Complete list can be obtained from DNRC. Brochures from other agencies are also sometimes available. Contact agency.</p> <p>To obtain publications:</p> <p>Publications available free of charge in small quantities. Contact agency.</p>

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION (DNRC) – Energy Division (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Video-Tape:</p> <p><i>Forgotten Fundamentals of the Energy Crisis.</i> 3/4" tape. 1979. 30 min. Dr. Al Bartlett of the University of Colorado describes our rapid consumption of limited energy resources and compares this consumption rate with exponential growth. Shows potential consequences of our consumption habits.</p> <p>Video Cassettes:</p> <p><i>How to With Pete</i> series: eleven 3/4" tapes show do-it-yourself weatherization measures for the homeowner.</p> <ol style="list-style-type: none"> 1. Composite 2. Getting Ready for Winter 3. What's Insulating All About Aluminum Framed Storm Windows 4. Inexpensive Wooden Framed Storm Windows The Rigid Plastic Storm Windows 5. Wall Insulation Hanging the Metal Storm Door 6. Venting the Attic and Crawl Space and Controlling Moisture How to Maintain Your Forced Air Heating System for Peak Efficiency 7. Getting Ready for Summer 8. How to Make the Large Door for Sliding Glass Doors or French Doors Insulating the Flatshed or Built-up Roof with Exposed Beams 9. Conserving Hot Water Saves Energy 10. How to Stop Drafts Under Your Door How to Install Window Awnings and Shutters 11. Mobile Homes <p><i>The Inheritance.</i> 3/4" tape. 50 min. TV news special describes the impact of energy development on small communities such as Colstrip, Montana. Amory Lovins discusses hard vs. soft paths for energy development.</p>

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION (DNRC) – Energy Division (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Geothermal Electric Generation in Lakeview Oregon.</i> Describes a geothermal demonstration project in eastern Oregon, using 211 degree F. water to power a Rankine cycle turbine.</p> <p><i>Renewable Renaissance.</i> ¾" tape. 1982. Explores different types of renewable energy systems in Montana. Owners describe how their systems work and why they chose to use renewable energy.</p> <p>Slide/Tape Presentations:</p> <p><i>An Overview of Energy Alternatives.</i> 1979. 98 slides with tape. Dr. Wayne Hager of the University of Idaho explores various energy sources regarded as alternatives to the use of oil and natural gas.</p> <p><i>The Energy Crunch.</i> Four-part set of slides with tapes describing measures local governments can take to save energy.</p> <ol style="list-style-type: none"> 1. Managing Energy: A Guide for Local Governments 2. Energy Audits 3. Vehicle Fleet Management 4. Life Cycle Costing and New Building Design <p><i>Inside Insulation.</i> Mineral Insulation Manufacturers Association, Inc. 1978. 72 slides, 13 min. cassette. Discusses insulation. Slanted toward mineral wool insulation products.</p> <p><i>Heat and Eat, Solar Greenhouse.</i> 71 slides and written script. Goes through the steps of building a solar greenhouse from the ground up in a workshop put on by the Wyoming Extension Service.</p> <p><i>Solar Energy, Ready When You Are.</i> Federal Energy Administration, 1974. 140 slides with tape. About the uses of solar energy. Focuses on active solar systems. Examples are mainly large homes in the southwestern and northwestern United States.</p> <p><i>Wrap It Up Right.</i> National Association of Home Builders. 1977. Illustrates proper application of insulation in residential structures.</p>

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION (DNRC) – Energy Division (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Displays:</p> <p><i>Appliance Labeling.</i> Small display about energy-efficient appliance labels. Consumer responds to questions on the display panel, which lights for correct response.</p> <p><i>Hot Water—Insulate & Save.</i> Eight-foot-wide display illustrating measures that can be taken to save on hot water heating costs.</p> <p><i>Insulation.</i> Table-top sample display gives general information about insulation, R values, and federal specification numbers to look for when purchasing.</p> <p><i>State of Montana Energy Maps.</i> Battery operated quiz board to locate Montana energy resources or facilities.</p> <p><i>Twelve Ways to Turn Down High Energy Bills.</i> Table-top display illustrates low-cost or no-cost ways to reduce energy bills. Accompanies DNRC's "Twelve Ways to Turn Down High Energy Bills" publication.</p> <p><i>Window Treatments.</i> Shows five types of window treatments designed to save energy. Some construction details included.</p> <p><i>Youth Energy Workshop.</i> Table-top display with pictures and descriptions of summer workshop for junior high students.</p> <p>Maps:</p> <p><i>Energy Resources and Facilities in Montana.</i></p> <p>Posters:</p> <p>Various posters relating to energy are available.</p>

**MONTANA DEPARTMENT OF NATURAL RESOURCES AND
CONSERVATION (DNRC) – Energy Division (Continued)**

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Speakers: Available for technical seminars, teacher training, and general public workshops in the areas of energy conservation and renewable energy sources, such as solar power, wind, biomass, hydro power, and geothermal energy. Also available to speak on Division programs.</p> <p>To obtain materials or speakers: Contact agency four weeks in advance.</p>

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION (DNRC) – Water Resources Division

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Water Resources Division administers Montana's water resource programs. It also administers Montana water rights laws, prepares the state water plan, and constructs, operates, and maintains state-owned water resource projects.</p> <p>Contacts:</p> <p>Caralee Cheney Water Development Bureau 32 S. Ewing Helena, MT 59620 444-6687</p> <p>Larry Holman Water Rights Bureau 32 S. Ewing Helena, MT 59620 444-6610</p> <p>Rick Bondy Engineers Bureau 32 S. Ewing Helena, MT 59620 449-2864</p>	<p>Provides loan and grant funding for small scale hydro development to private and public entities through the Water Development and Renewable Resource Development Programs.</p> <p>Issues water rights permits for hydro projects that generate electricity.</p> <p>Studies the possibility of adding hydroelectric facilities to state-owned dams.</p>	<p>Brochures.</p> <p>To obtain publications: Contact agency.</p>	<p>Speakers: Available.</p> <p>To obtain speakers: Contact agency.</p>

MONTANA DEPARTMENT OF REVENUE
Research and Information Division

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Research and Information Division prepares revenue estimates for the State of Montana and gives information on tax laws to the general public. It also provides data processing for the Department of Revenue.</p> <p>Contact:</p> <p>Roger L. Linnell Capitol Station Helena, MT 59620 444-3149</p>	<p>Provides information on state tax incentives for energy conservation and the use of renewable energy resources. These include income tax credits for energy conservation and use of renewable energy, gasohol license tax reduction, and property tax reduction for gasohol facilities.</p>	<p>Tax forms, instructions. Information for tax preparers.</p> <p>To obtain publications: Contact agency.</p>	

MONTANA DEPARTMENT OF SOCIAL AND REHABILITATION SERVICES (SRS) – Economic Assistance Division

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Economic Assistance Division of Social and Rehabilitation Services is the agency which administers the state's Energy Assistance Program and the Weatherization Assistance Program.</p> <p>Contact:</p> <p>Charlie Poole Weatherization Assistance 444-6799</p> <p>Jim Nolan Weatherization and Fuel Assistance 444-6799</p> <p>Local Contacts:</p> <p>Weatherization programs are administered in local areas by Human Resource Development councils. See Appendix F for listing.</p> <p>Fuel assistance programs are administered by some county welfare agencies and the ten Human Resource Development councils.</p>	<p>Administers the Energy Assistance Program which subsidizes fuel bills of individuals and families that cannot meet the high cost of home energy.</p> <p>Through the Weatherization Assistance Program, provides a variety of energy conservation measures to those eligible. Such measures include energy auditing, insulating homes and water heaters, furnace modifications, caulking, weatherstripping, and window and roof repair. 12,300 homes have been weatherized since 1978.</p>	<p>Books and pamphlets available on energy conservation and renewable energy.</p> <p>To obtain publications:</p> <p>Publications available to low income groups and individuals or those organizations engaged in low income assistance.</p>	<p>Films:</p> <p>Available.</p> <p>Speakers:</p> <p>Available.</p> <p>To obtain films and speakers:</p> <p>Speakers and films available to low income groups, individuals, or those engaged in low income assistance. Written requests filled on the basis of availability.</p>

MONTANA DEPARTMENT OF STATE LANDS

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Department of State Lands is the state agency which develops state lands to increase their value; leases state lands for grazing, timber, cabin sites, agricultural, and mineral uses; and administers laws pertaining to mined-land reclamation.</p> <p>Contact:</p> <p>Dennis Hemmer Capitol Station Helena, MT 59620 444-2074</p>	<p>Requires mining operations to prepare mining and reclamation plans before issuing permits and enforces reclamation obligations.</p> <p>Administers ongoing programs for reclamation of abandoned mined lands.</p>	<p>Environmental impact statements.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Speakers:</p> <p>Available on limited basis.</p> <p>Topic: Department's programs.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

THE MONTANA ENERGY RESEARCH AND DEVELOPMENT INSTITUTE (MERDI)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>MERDI is a nonprofit organization dedicated to research and development of energy-related projects, products, and processes. MERDI's activities cover state, regional, and national projects. Some activities are carried out by MERDI's subsidiary, MSE (Mountain States Energy), Inc.</p> <p>Contact:</p> <p>Dr. Jerry Plunkett President P.O. Box 3809 Butte, MT 59702 782-0463</p>	<p>Researches MHD (magnetohydrodynamics), a process of converting coal to electricity.</p> <p>Tests and operates a major national MHD facility.</p> <p>Manages wind-monitoring programs to determine the wind potential of several sites in Montana.</p> <p>Performs site engineering and project management for wind machine installations.</p> <p>Directs energy facility-siting programs associated with Resource '89 and related facilities and programs.</p> <p>Conducts studies to find energy efficient uses for Plasma Arc Rotating Furnaces in ceramics, abrasives, and metals industries.</p> <p>Performs small-scale hydropower feasibility and design studies.</p>	<p>Available.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Speakers:</p> <p>Jerry Plunkett Karen Barclay Topic: MERDI programs.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

THE MONTANA ENERGY RESEARCH AND DEVELOPMENT INSTITUTE (MERDI) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
	<p>Performs research into the best use of Montana coal resources.</p> <p>Conducts environmental and laboratory testing to support energy projects.</p> <p>Studies the feasibility of producing ethanol and other alcohol fuels from biomass sources, including wood and grains.</p>		

MONTANA ENVIRONMENTAL INFORMATION CENTER (EIC)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Environmental Information Center is a private organization of 1300 members dedicated to environmental advocacy.</p> <p>Contact:</p> <p>Don Reed P.O. Box 1184 Helena, MT 59624 443-2520</p>	<p>Provides information on the environmental aspects of energy development.</p> <p>Lobbies for environmentally sound energy policy.</p> <p>Monitors, as part of the Northwest Conservation Act Coalition, implementation of the Northwest Power Act.</p> <p>Promotes economic development in energy conservation and renewable resources.</p>	<p><i>Down to Earth.</i> Bimonthly newsletter.</p> <p><i>Capitol Monitor.</i> Biweekly during legislative session.</p> <p>To obtain publications:</p> <p>Publications available at newsstands and from agency.</p>	

MONTANA FEDERATION OF WOMEN'S CLUBS

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Federation of Women's Clubs is an international service organization.</p> <p>Contact:</p> <p>Mrs. Electa Davis Box 545 Wolf Point, MT 59201 653-1282</p>	<p>Informs public about energy conservation through speakers and publications.</p>	<p><i>Energy Checklists—Idea Guide.</i></p> <p><i>Energy Savings Hints Sheet</i></p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Audiovisual Programs:</p> <p><i>Home Energy Check.</i> Program aimed at stopping energy waste and saving fuel dollars in the home.</p> <p><i>Every Drop Makes a Difference.</i> Gasoline conservation program.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

MONTANA GASOHOL COMMISSION

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Gasohol Commission is an organization open to all interested in fuel alcohol production.</p> <p>Contacts:</p> <p>John Radenberg Wolf Point, MT 59201 653-1403 (home) 653-2012 (work)</p> <p>Tom Jaques P.O. Box 1506 Polson, MT 59860 883-5973 (home) 883-4314 (work)</p> <p>Marion Irgens Kevin, MT 59454 337-3202</p> <p>Shirley Ball South Route 206 Nashua, MT 59248 785-4731</p>	<p>Promotes fuel alcohol production and use.</p>	<p>Available.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Speakers:</p> <p>Available.</p> <p>Demonstrations:</p> <p>Available.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

MONTANA LEAGUE OF WOMEN VOTERS

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The League of Women Voters is a nonpartisan organization that provides information on various issues of concern to the community. The league also takes action on issues it has studied.</p> <p>Contact:</p> <p>Ellen Knight 5800 Rattlesnake Missoula, MT 59802 549-5952</p>	<p>Takes action on energy issues that relate to our national and state energy positions. Emphasis is on energy conservation.</p> <p>Introduces children to energy conservation and renewable energy sources through its energy puppet show.</p>	<p>Resource File. On nuclear energy. Also various publications and issue updates on a variety of energy issues.</p> <p>Montana Voter. Newsletter for members.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Puppet Show:</p> <p>Take That, You Monster. Puppet show also available in a larger version for large group presentation.</p> <p>Kits:</p> <p>Puppet Show Teacher Kits available for loan in Teacher Resource Centers in urban areas and from the Superintendent's Office for rural areas.</p> <p>To obtain materials or speakers:</p> <p>Teacher kits, large puppets, and videotapes of the puppet show can be purchased from the League. For larger version of live puppet show, groups must pay transportation and expenses of puppeteers. Contact League for more information.</p>

MONTANA POWER COMPANY (MPC)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
<p>The Montana Power Company is a diversified energy company with a historic role in providing natural gas and electricity to the nation's second largest utility service area—107,600 square miles, or 73 percent of the land area in Montana. In addition, the company is recognized as a major U.S. coal producer and holds a strong position in nonutility oil and natural gas development.</p> <p>Contacts:</p> <p>Ms. E. Wing Spooner, Director Consumer Educational Services 40 E. Broadway Butte, MT 59701 723-5421, ext. 2253</p> <p>Billings area:</p> <p>Ms. Debbie Singer, Coordinator Consumer Educational Services 113 N. Broadway Billings, MT 59101 252-0591, ext. 2229</p>	<p>Offers free energy education materials and films.</p> <p>Presents a variety of energy-related talks, programs, and workshops.</p> <p>Conducts tours of dams, generating plants, and system operating control center.</p> <p>Offers residential energy audits to space-heating customers and no-interest loans for energy conservation measures. (Available by contacting local division or district offices.)</p>	<p>1983-84 Teacher's Resource Guide. Listing with complete description of all available materials. Also, ordering and scheduling information.</p> <p>ABC's of Today's Economy. Grades 9-Adult. Workings of today's economy.</p> <p>Acidic Precipitation. Grades 7-Adult. Describes government and industry efforts to answer questions about acid rain.</p> <p>Agriculture, Energy and Society. Grades 10-12. Explores energy as it relates to food production.</p> <p>Alternative Energy Sources and Technologies: Answers to Your Questions. Grades 7-Adult. Discusses solar, wind, biomass, ocean power, hydrogen, geothermal and more.</p> <p>Bringing Energy to the People: Washington D.C. and Ghana. Grades 6-7. Compares how energy use affects the way people live in different cultures.</p> <p>Captain Power. Grade 3. Explains energy uses, costs, sources and conservation.</p> <p>Case of the Hidden Hazards. Grades 4-5. Electrical safety.</p> <p>Century of Light. Grades K-12. How inventors and inventions changed our lives.</p> <p>Coal and the Energy Crunch. Grades 7-Adult. Booklet covers several aspects of coal mining.</p> <p>Coal: Answers to Your Questions. Grades 7-Adult. Discusses major issues concerning coal.</p> <p>Color It Conserved. Grades 1-5. Coloring booklet.</p> <p>Community Workers and the Energy They Use. Grade 2. Unit deals with energy and effects on our lives.</p> <p>Conservation for Children. Grades 1-6. An activity guide about conservation of our natural resources.</p> <p>Discovering Coal. Grades K-3. Kit covers coal mining, kinds of coal, coal uses.</p> <p>Easy Energy Readers. Grades 6-11. Articles about energy to provide students with reading experience.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
		<p><i>Economics of Energy.</i> Grades 7-12. Lesson plans to analyze the energy situation from an economics perspective.</p> <p><i>Electric Gnus.</i> Grades 7-9. Fact-filled energy problem solving.</p> <p><i>Electric Utility Involvement in Solar Energy.</i> Grades 7-Adult. Describes seven utility-sponsored solar energy projects.</p> <p><i>Energy Adventure.</i> Grades 9-12. Study unit dealing with energy economics, sources, history, production, distribution, supplies, problems and conservation.</p> <p><i>Energy and Transportation.</i> Grade 3. Important role energy plays in transportation.</p> <p><i>Energy Book.</i> Grades 7-Adult. Energy conservation information.</p> <p><i>Energy Dome.</i> Grades 4-6. Operation and energy use of a domed stadium is explored by students.</p> <p><i>Energy Future Today.</i> Grades 7-9. Study unit about energy.</p> <p><i>Energy Kids.</i> Grades 3-6. Comic book about energy.</p> <p><i>Energy Learning Center Activity Cards.</i> Grades 7-9. Experiments and activities.</p> <p><i>Energy Over the Dam.</i> Grades 7-Adult. Factsheet on hydroelectricity.</p> <p><i>Energy Reporter Series.</i> Grades 10-12. Articles discussing electricity.</p> <p><i>Energy We Use.</i> Grade 1. Energy's link between us and everything else.</p> <p><i>Experiments: Properties of Gas and Heat Energy.</i> Grades 7-12. Spirit duplicating masters of gas and heat experiments.</p> <p><i>Fight Pollution.</i> Grades 7-Adult. Ways to fight pollution.</p> <p><i>Fuel Cell: A New Type of Power Generator.</i> Grades 7-Adult. Explores potential of fuel cell power plants.</p> <p><i>Fuels from Biomass.</i> Grades 9-Adult. Factsheet.</p> <p><i>Garbage Power.</i> Grades 7-Adult. Turning garbage into fuel.</p> <p><i>Gasohol.</i> Grades 7-Adult. Factsheet.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
		<p><i>Gasworks: Pipeline to the Future.</i> Grades 7-12. Basic information on natural gas.</p> <p><i>Geologist's Dilemma.</i> Grades 7-12. Simulation illustrates energy resource scarcity.</p> <p><i>Geothermal Energy.</i> Grades 7-9. Two lesson unit on geothermal energy.</p> <p><i>Geothermal Energy's Potential Promise.</i> Grades 7-Adult. Factsheet.</p> <p><i>Going with the Wind.</i> Grades 7-Adult. Factsheet on wind energy.</p> <p><i>Golden Moments in Radio.</i> Grades 7-9. Audio tape and worksheets; time travel tour of energy.</p> <p><i>Heating With Wood.</i> Grades 7-Adult. Tips on wood burning.</p> <p><i>High Voltage Transmission and Electric Fields.</i> Grades 7-Adult. Describes research about possible health risks associated with exposure to electric fields.</p> <p><i>Housewarming.</i> Grades 9-12. Safe and efficient home heating.</p> <p><i>How to Read a Financial Report.</i> Grades 10-12. Booklet on understanding financial reports. (Accompanied by MPC's annual report.)</p> <p><i>How We Make Energy Work.</i> Grades 4-6. Technology of energy production.</p> <p><i>Hydro Brochure.</i> Grades 7-Adult. Describes MPC's hydroelectric system.</p> <p><i>Keeping the Lights On.</i> Grades 5-6. Kit covers coal mining and use.</p> <p><i>Land Reclamation.</i> Grades 7-Adult. Reclaiming strip-mined land.</p> <p><i>Making of a Rate Case.</i> Grades 7-Adult. Factsheet.</p> <p><i>Mathematics in Energy.</i> Grades 8-9. Energy math including conversion, statistics, etc.</p> <p><i>Mizer Series.</i> Grades Preschool-Kindergarten. Activity unit about energy.</p> <p><i>Natural Gas Factbook.</i> Grades 9-Adult. Analyzes natural gas and its use.</p> <p><i>Natural Gas Safety.</i> Grades 7-Adult. Using natural gas safely.</p> <p><i>Natural Gas Serves Our Community.</i> Grades K-6. Kit depicting story of gas from well to community.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
		<p><i>Networks: How Energy Links People.</i> Grades 4-6. Energy networks and modern life.</p> <p><i>Paper Cup Science.</i> Grades 4-7. Science experiments using paper cups.</p> <p><i>Pie in the Sky.</i> Grades 7-12. Costs involved in food production.</p> <p><i>Play it Safe.</i> Grades K-3. Coloring, activity book on electrical safety.</p> <p><i>Politics of Energy.</i> Grades 10-12. Computer simulation, legislative process in energy matters.</p> <p><i>Power Plant Performance and Reliability.</i> Grades 7-Adult. Explains power plant operation.</p> <p><i>Safety Invader.</i> Grade 6. Curriculum unit about electrical safety.</p> <p><i>Science Activities in Energy.</i> Grades 4-7. Science experiments.</p> <p><i>So You're Moving to a New Earth.</i> Grades 6-9. Lesson plan for classroom.</p> <p><i>Story Behind the Switch.</i> Grades 7-Adult. Explains electrical supply system.</p> <p><i>Systems: An Approach to Consumer Education.</i> Grades 9-Adult. Consumer decisions as they relate to energy.</p> <p><i>Take That You Energy Monster.</i> Grades K-3. Puppet show.</p> <p><i>Thomas Alva Edison Series.</i> Grades 8-12. Ten booklets dealing with science experiments and energy development.</p> <p><i>Water Conservation.</i> Grades 7-Adult. How to conserve water.</p> <p><i>What is Electricity?</i> Grades K-3. Electrical Safety.</p> <p><i>Where the Little Light Bulb Gets Its Juice.</i> Grades 2-5. Comic book about where electricity comes from.</p> <p><i>Wind Machines.</i> Grade 7-Adult. Factsheet.</p> <p><i>Your Energy World.</i> Grades 4-6. Unit dealing with energy resources and problems.</p> <p><i>Your Guide to Science Fair Projects: From Idea to Exhibit.</i> Grades 5-9. Instructions for participating in a science fair.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Films:</p> <p>Art: <i>West of Charles Russell.</i> Grades 7-Adult, 55 minutes. Documentary on Charles Russell.</p> <p>Careers: <i>Learning and Earning: Choosing a Career.</i> Grades 7-12, 18 minutes. Career education.</p> <p>Coal: <i>Coal to Kilowatt.</i> Grades 7-Adult, 10 minutes. Coal from ground to generating plant. <i>Colstrip: A Reservoir of Energy.</i> Grades 7-Adult, 15 minutes. Colstrip—operations, mining, town development.</p> <p>Conservation: <i>Current Events.</i> All audiences, 7.5 minutes. Animated, uses and abuses of electrical energy. <i>Energy Management in the Home Saves Money.</i> Grades 9-Adult, 12 minutes. General conservation techniques. <i>Energy Security: Why and Wherefores.</i> Grades 7-12, 15 minutes. Energy conservation and new energy technologies. <i>Pigpoolis.</i> Grades K-12, 12 minutes. Animated, wise energy use. <i>Water Follies.</i> All audiences, 7.5 minutes. Animated, water conservation.</p> <p>Economics: <i>Chickenomics.</i> Grades 5-Adult, 20 minutes. San Diego chicken humorously illustrates economic ideas. <i>Food, More For Your Money.</i> Grades 7-Adult, 14 minutes. Humorously shows how to obtain more nutrition for your money.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>It's Everybody's Business.</i> Grades 7-12, 22 minutes. Animated, private enterprise system.</p> <p><i>Mr. Edison's Dilemma.</i> Grades 7-12, 22 minutes. Economics of the electric power industry.</p> <p><i>This Business of America: Private Enterprise in Historical Perspective.</i> Grades 7-12, 18 minutes. Analysis of economic history of the U.S.</p> <p><i>Kingdom of Mocha.</i> Grade 7-Jr. College, 26 minutes. Animated introduction to economic concepts.</p> <p>Electrical Safety:</p> <p><i>I'm No Fool, With Electricity.</i> Grades K-4, 8 minutes. Animated, Jiminy Cricket teaches basic rules for electric safety.</p> <p><i>Stay Clear, Stay Alive.</i> Grades 6-Adult, 20 minutes. Outdoor electrical safety.</p> <p><i>Think Hot.</i> Grades 6-Adult, 24 minutes. Student reporter investigates electrical hazards.</p> <p>Electricity:</p> <p><i>An Electric Talking Picture.</i> Grades 4-9, 13 minutes. Cartoon format. Gives a brief history of energy, an explanation of electrical production, and tips on energy conservation.</p> <p><i>Electricity: A First Film.</i> Grades 3-6, 13 minutes. Overview of how electricity works.</p> <p><i>Electricity by Magnetism.</i> Grades 7-Adult, 15 minutes. Shows a coal-fired generating plant and explains how electricity is generated.</p> <p><i>Electricity: The Way It Works.</i> Grades 7-Adult, 15 minutes. Shows the production, distribution and uses of energy.</p> <p><i>Fundamentals of AC and DC Generation.</i> Grades 7-12, 20 minutes. Animated, experiments to demonstrate basic principles of AC and DC generation.</p> <p><i>Homemade Electricity.</i> Grades 7-12, 20 minutes. Through use of common electrical devices, explains electricity.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Principles of Electricity.</i> Grades 7-12, 17 minutes. Explains the fundamental concepts of electricity.</p> <p><i>Russian MHD Facility.</i> Grades 10-Adult, 10 minutes. Analysis of electrical production from the new technology of MHD.</p> <p><i>What Time is the Power on Today?</i> Grades 7-12, 17 minutes. Examines economic and social effects of the curtailment of electricity.</p> <p>Energy:</p> <p><i>A Question of Balance.</i> Grades 9-12, 28 minutes. Discusses complexities created by the needs of the public for more energy.</p> <p><i>Energy 2000.</i> Surveys the benefits and problems of conventional and alternative energy sources.</p> <p><i>Energy: Choice, Options, Decisions.</i> Grades 9-Adult, 14 minutes. Overview of energy options for generation of electricity.</p> <p><i>Energy: New Sources.</i> Grades 7-Adult, 20 minutes. Discusses some potential sources of energy.</p> <p><i>Energy Seekers.</i> Grades 6-Adult, 11.5 minutes. Search for energy takes us on a trip across America and the ocean.</p> <p><i>Search for New Energy.</i> Grades 7-12, 28 minutes. Efforts of scientists and engineers to develop new sources of fuel.</p> <p><i>Toast.</i> Grades 5-12, 12 minutes. Overview of energy consumption in the preparation and marketing of food.</p> <p>Environment:</p> <p><i>Challenge in the Air.</i> Grades 7-Adult, 23 minutes. Advocates citizen participation in methods of controlling industrial emissions.</p> <p><i>Resource Recovery.</i> Grades 7-12, 13 minutes. New technologies of recycling garbage.</p> <p><i>Silver Wires, Golden Wings.</i> Grades 6-Adult, 28 minutes. Efforts of western utilities to protect golden eagles from electrocution.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Geothermal: <i>Geothermal Energy—Power from the Earth.</i> Grades 7-Adult, 13 minutes. Report on large scale production of electricity.</p> <p>Hydroelectric: <i>The Renewable Resource: Hydroelectricity.</i> Grades 7-Adult, 10 minutes. Brief history of hydropower.</p> <p>Montana & Recreation: <i>Energy Beneath the Big Sky.</i> Grades 7-Adult, 30 minutes. Brief history of development of electricity in Montana. <i>Montana: A Little Farther North.</i> Grades 7-Adult, 30 minutes. Features photography of Montana ski areas. <i>Montana, Land of the Big Sky.</i> Grades 7-Adult, 28 minutes. Travelogue of Montana.</p> <p>Natural Gas: <i>History of Natural Gas.</i> Grades 1-5, 7.5 minutes. Animated, shows how natural gas is found and used.</p> <p>Oil: <i>Oil: From Fossil to Flame.</i> Grades 9-12, 13 minutes. Information about oil industry.</p> <p>Screen News Digest: <i>Screen News Digest.</i> Grades 7-12, variable times. Films cover wide variety of topics such as foreign countries, the money system, politicians, and new technologies in medicine and industry. Contact MPC for title names.</p> <p>Solar: <i>Solar Energy Options.</i> Grades 7-Adult, 13.5 minutes. Technological and economic prospects for development of solar energy.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Passive Solar Homes Conserve Energy in all Climates.</i> Grades 7-Adult, 12 minutes. Advantages of passive solar homes.</p> <p>Wind:</p> <p><i>Electrical Power Story—Wind Power.</i> Grades 8-Adult, 18 minutes. Ongoing experiments in wind power.</p> <p>Videotapes:</p> <p><i>American Enterprise.</i> Grades 9-12, five 29-minute tapes. Documents our economic history by exploring land, people, innovation, organization, and government.</p> <p><i>Colstrip Story.</i> Grades 6-Adult. Three 5-minute segments. History of Colstrip.</p> <p><i>History of Montana Power.</i> Grades 7-Adult, 18 minutes. Description of Montana Power, showing energy development in state.</p> <p><i>Lucky Accidents, Great Discoveries and the Prepared Mind.</i> Grades 7-Adult, 95 minutes. Noted professor Hubert Alyea entertainingly probes some of the great scientific discoveries of our time.</p> <p><i>Search for Solution.</i> Grades 4-12, nine 18-minute tapes. Explores scientific techniques of problem-solving.</p> <p>Computer Software:</p> <p><i>Geology Search.</i> Grades 5-9. Computer performs geological tests to determine probability of oil. Rock densities, fossil and underground formation, and economics of drilling for oil are covered.</p> <p><i>Electric Bill.</i> Grades 7-12. Students compute electric bills based on different rate structures.</p> <p><i>Personal Energy Inventory.</i> Grades 7-12. Students compare their energy consumption with regional and national data.</p> <p><i>The Politics of Energy.</i> Grades 10-12. Computer simulation of legislative process involved in energy matters.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Presentations:</p> <p><i>Captain Power.</i> Grade 3, 30 minutes. Live visit by Captain Power, energy expert. Explains energy issues, costs, sources and conservation. Also classroom kit to reinforce ideas.</p> <p><i>Safety Invader.</i> Grade 6, 60 minutes. Demonstrators use a model community to explain do's and don'ts of electrical safety. A classroom kit is also to be completed by students.</p> <p><i>I'm No Fool With Electricity.</i> Grades K-3, 20 minutes. Discusses electrical safety.</p> <p><i>Case of the Missing Kilowatt.</i> Grades 4-5, 45 minutes. Students are asked to become energy detectives and track down energy usage in their homes.</p> <p><i>Pie-in-the-Sky.</i> Grades 7-Adult, 50 minutes. Discusses the interrelationship between the food system and its energy demand.</p> <p><i>Watt's Happening in Your Home?</i> Grades 7-Adult, 60 minutes. Discusses energy use and conservation in the home.</p> <p><i>Energy for Today and Tomorrow—Renewable Energy Series.</i> Grades 9-Adult, 60 minutes. Presentation on solar, wind or geothermal energy.</p> <p><i>Coal to Kilowatt.</i> Grades 9-Adult, 60 minutes. Discusses various aspects of coal mining and generation of electricity.</p> <p><i>Protecting Birds of Raptor from Electrocution.</i> Grades 9-Adult, 60 minutes. Explores utility company measures to protect eagles, osprey, and other birds of prey from electrocution.</p> <p>Games:</p> <p><i>Energy Bingo.</i> Grades 5-10. Introduces students to energy-related vocabulary words.</p> <p><i>Saving Energy.</i> Grades 3-7. Board game about energy conservation.</p> <p>Samples:</p> <p><i>Water Restrictors:</i> These washers fit on shower heads to restrict water flow.</p>

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Coal Samples: Packaged coal samples with instructions for making a coal depression garden.</p> <p>Posters (all full-color unless otherwise stated):</p> <ul style="list-style-type: none"> Coal Poster Electricity: How it is Produced Eye Chart (b/w) How Electricity is Delivered from the Generating Plant to You Natural Gas Poster The Generation of Electrical Energy (b/w) Oil Poster Solar Map Water Poster <p>Educational Equipment:</p> <ul style="list-style-type: none"> Electric Meters Solar Furnace Sunpower House Sunspot Solar Oven Suntracker <p>Tours:</p> <p>Tours are available at the following facilities (call 723-5421, ext. 2772 for more information):</p> <ul style="list-style-type: none"> Madison Dam: Bozeman/Ennis area Mystic Lake Power House: <ul style="list-style-type: none"> Columbus/Red Lodge area Ryan, Black Eagle and Rainbow Dams: Great Falls area Hauser Dam: Helena area Milltown Dam: Missoula area Kerr Dam: Polson area Thompson Falls Dam: Thompson Falls area Coal-fired Generation Plants in Eastern Montana

MONTANA POWER COMPANY (MPC) (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Colstrip Visitor's Center in Colstrip Livingston Wind Farm MHD Facility in Butte System Operating Control Center (Dispatch Center) in Butte</p> <p>Ordering information: Publications, films, videotapes, computer software, workshops, and presentations. Write to: Ms. E. Wing Spooner, Director Consumer Educational Services Montana Power Company 40 East Broadway Butte, MT 59701</p>

MONTANA PUBLIC LIBRARY FILM SERVICE

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Public Library Film Service is a film loan program which serves public libraries throughout the state.</p> <p>Contact:</p> <p>Reference Librarian Butte/Silver Bow Public Library 106 W. Broadway Butte, MT 59701 723-8262</p>	<p>Loans energy films.</p>	<p>Films:</p> <p>Films are 16mm with sound and color.</p> <p>Elementary Films:</p> <p><i>Energy.</i> Oxford Films, 1974. 10 min. Illustrates the degree to which our modern lifestyle is dependent on energy from natural resources. Describes plans for expanded development of nuclear, geothermal, and solar energy.</p> <p><i>Energy: A First Film.</i> BFA Educational Media, 1970. 8 min. Discusses different forms of energy and how one form can be converted into another, pointing out that most of the energy we use comes from the sun.</p> <p><i>Energy and Living Things.</i> Centron Films, 1971. 10½ min. Examines the nature of matter and energy and demonstrates how and why both are essential to all life forms. Questions man's use of remaining fossil fuel energy reserves.</p> <p><i>Energy Monsters: How to Starve Them.</i> BFA Educational Media, 1978. 12½ min. Shows two youngsters deciding to save energy in their home and searching the house for ways to make it energy efficient.</p> <p><i>Learning About Solar Energy.</i> ACI Films, 1975. 12 min. Children find ways to heat water for an outdoor shower and cook a hot dog in a miniature solar furnace.</p> <p><i>Toast.</i> Bullfrog Films, 1974. 12 min. Shows energy consumption in the preparation and marketing of food. Illustrates that our daily toast, an end product of an intensive energy process, is hardly a bargain at present energy costs.</p> <p><i>More.</i> Macmillan Films, Inc., 1973. 3 min. Animated. Portrays our national syndrome of conspicuous consumption. "More," demands man, until the inevitable climax.</p>

MONTANA PUBLIC LIBRARY FILM SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p>Junior High to Adult Films:</p> <p><i>E.F. Schumacher—As If People Mattered.</i> Bullfrog Films, Inc., 1978. 16 min. A record of a Schumacher speech in Montana. Recommends that we devise an economy in which people consume goods from their locale.</p> <p><i>Energy: A Matter of Choices.</i> Encyclopedia Britannica, 1973. 22 min. Surveys the attitudes and technological forces on which our patterns of energy consumption are based, and studies causes of and responses to the energy crisis.</p> <p><i>Energy: A National Issue.</i> Aims Instructional Media Services, 1977. 27 min. The Flintstones explain the causes of a dwindling energy supply and some of the problems of dwindling supply. Charlton Heston narrates.</p> <p><i>Energy for the Future.</i> Encyclopedia Britannica, 1974. 17 min. Examines energy alternatives for the future, including processed coal, oil, geothermal heat, nuclear fission and fusion, wind, and solar heat.</p> <p><i>Energy from the Day Star.</i> Essentia Films, 1978. 22 min. A rediscovery of our connection with nature. Argues that solar energy is a necessity for the future.</p> <p><i>Energy: Less is More.</i> Churchill Films, 1974. 18 min. An investigation of the need to slow energy consumption and ways this can be done.</p> <p><i>Energy: New Sources.</i> Churchill Films, 1974. 20 min. Describes the potential and limits of new technologies, including solar, fusion, and geothermal. Argues for developing a variety of options.</p> <p><i>Energy: The Dilemma.</i> Churchill Films, 1974. 20 min. Examines energy growth patterns: past, present, and future. Explores problems of supply and demand, depletion of fossil fuels, our dependency on them, and resultant economic and social problems.</p> <p><i>Energy: The Nuclear Alternative.</i> Churchill Films 1974. 20 min. Explores fission power, how it works, and the controversies over safety and radioactive wastes.</p>

MONTANA PUBLIC LIBRARY FILM SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Energy: The Problems and the Future.</i> National Geographic Society, 1978. 23 min. Discusses solar, geyser, tidal, and wind power as solutions to the exhaustion of nonrenewable fuels.</p> <p><i>The Energy Game.</i> Federal Energy Administration, 1973. 16 min. Promotes home insulation campaigns, and recommends the use of the <i>Home Energy Savers Handbook</i>. Suitable for energy conservation workshops and civic meetings.</p> <p><i>Energy, the Great Escape.</i> Federal Energy Administration and the South Dakota Energy Office, 1974. 20 min. Explains types of fossil fuel heating systems and maintenance procedures for them. Also deals with the weatherization of residences.</p> <p><i>Featherfoot.</i> U.S. Post Office, 1977. 30 min. Explains driving techniques that save fuel. Designed for use by post office employees but suitable for many groups.</p> <p><i>Fields of Fuel: The Ethanol Debate.</i> Iowa State University. 28 minutes. Explains the potential of converting crops to fuel. It examines the production and utilization of ethanol on both small and large scales, emphasizing the issues that will determine ethanol's future as a motor fuel.</p> <p><i>The Food Cycle and Food Chains.</i> Coronet Films, 1963. 10½ min. Describes food chains and the unending pattern of life, growth, and decay known as the food cycle.</p> <p><i>Harness the Wind.</i> National Film Board of Canada. 12 minutes. Concise animated overview of the history of wind power. Shows gradual refinement of wind machines from seventh century Persia to the contemporary Darrieus rotor. Projects wind's potential in our future energy mix.</p> <p><i>Have We Stayed Too Long at the Fair.</i> Screenscope, Inc., 1978. 25 min. Portrays U.S. dependence on energy by using the hard winter of 1976-1977 as an example of what can happen when gas, oil, and electricity cannot be moved when and where needed.</p>

MONTANA PUBLIC LIBRARY FILM SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Home Heating with Wood.</i> New York State College of Agriculture. 23 minutes. Explains the basics of heating your home with wood, including selection of a stove, installation and safety precautions, and what woods to use.</p> <p><i>Hottest Show on Earth:</i> National Film Board of Canada, 1978. 28 minutes. Uses songs, animation, live action, special effects, and humorous vignettes to explore the topic of energy conservation, the value of home insulation, and home heating efficiency.</p> <p><i>Introduction to Electricity.</i> Coronet Films, 1971. 11 min. Presents fundamental concepts of electrical energy, electrical resistance, and factors affecting variations in each. Clarifies terms such as electrons, voltage, and parallel and series wiring.</p> <p><i>Montana Coal.</i> Tractor and Equipment Company of Billings. 15 min. Shows strip mining and reclamation in eastern Montana, with emphasis on jobs for Montanans because of coal mining.</p> <p><i>More.</i> Macmillan Films, Inc., 1973. 3 min. See listing under "Elementary Films."</p> <p><i>New Mexico Passive Solar Buildings.</i> Sandia Laboratories for DOE, 1978. 14 minutes. Gives a brief description of the major passive solar heating systems and how they work.</p> <p><i>Old House. New House.</i> Springbett and Weinstein, 1982. 27 minutes. Follows the transformation of a 90-year-old house into a showplace of energy saving ideas. Demonstrates that the techniques of energy conservation need not be limited to new buildings. Illustrates solar collectors, greenhouses, weatherization, and insulation.</p> <p><i>Renewable Renaissance.</i> Romm and King, 1982. 15 minutes. Explores different types of renewable energy systems in this state. Montanans describe how their systems work and why they chose to use renewable energy.</p> <p><i>Saving Energy at Home.</i> Ramsgate Films, 1975. 13 min. Identifies major sources of home energy use, and provides tips on how the average American household can cut energy bills in half.</p>

MONTANA PUBLIC LIBRARY FILM SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Solar Energy: To Capture the Power of Sun and Tide.</i> ACI Films, 1975. 21 min. Shows the use of tidal power and a sun furnace in France.</p> <p><i>Sun Power for Farms.</i> USDA Motion Picture Service, 1977. 12 minutes. Shows the potential of solar heating for agricultural production being realized through research funded by the U.S. Department of Energy.</p> <p><i>Toast.</i> Bullfrog Films, 1974. 12 min. See listing under "Elementary Films."</p> <p><i>Treasures of the Earth.</i> Churchill Films, 1974. 14½ min. Describes, largely in animation, how minerals, oil, and coal are deposited in the earth's crust. Film also deals with the scarcity of these products, and the growing difficulty in their extraction.</p> <p><i>Up the Power Curve.</i> Federal Energy Administration, 1976. 10 min. Shows the practicality of energy conservation. Covers a wide range of energy saving ideas and their potential dollar savings.</p> <p><i>Water Power.</i> Bullfrog Films, 1981. 25 minutes. History of water power, visits to small operating units and interviews with consultants and manufacturers.</p> <p><i>Western Coal: An American Dilemma.</i> Churchill Films, 1975. 24 min. Deals with the implications of coal development in Montana, Wyoming, and North Dakota. Shows scenes of Colstrip and Forsyth.</p> <p>Senior High to Adult Films:</p> <p><i>Dawn of the Solar Age: Solar Energy.</i> Time-Life Films, 1972. 29 min. Points out that the sun is capable of supplying 100,000 times the total global energy requirements and is free, but solar collectors and equipment are expensive. Can the sun be efficiently harnessed?</p> <p><i>Dawn of the Solar Age: Wind and Water Energy.</i> Time-Life Films, 1977. 25 min. Discusses wind and water power as products of solar energy. Experiments in both these areas are discussed in this British film.</p>

MONTANA PUBLIC LIBRARY FILM SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Energy Crunch—Part One: The Bottom of the Oil Barrel.</i> Time-Life Films, 1973. 34 min. Explores some of the reasons for shortages of oil and possibilities of finding new sources—including oil shale and coal conversion, and drilling in the North Sea and Alaska's North Slope.</p> <p><i>Energy Crunch—Part Two: The Nuclear Dilemma.</i> Time-Life Films, 1973. 40 min. Gives a brief history of nuclear power. Examines pros and cons of reactors in the U.S. and Great Britain. Describes the breeder reactor.</p> <p><i>Energy Crunch—Part Three: The Sunbeam Solution.</i> Time-Life Films, 1973. 38 min. Focuses on solar power, but also looks at wind and underground hot water. Closes with an examination of ways to conserve energy.</p> <p><i>Energy Management in Hospitals.</i> California Energy Commission, 1979. 15 minutes. Describes how energy management programs in hospitals can cut utility costs.</p> <p><i>Energy Management in Schools.</i> California Energy Commission, 1979. 15 minutes. Simple steps to cut the cost of energy consumption in schools.</p> <p><i>National Solar Heater Workshop.</i> Arizona State Energy Office, 1980. 15 minutes. Principles of using the sun to heat the home water supply and scenes of workshop participants actually building solar hot water heaters.</p> <p><i>Nuclear Power: Pro and Con, Parts 1 and 2</i> McGraw-Hill Films, 1977. 50 min. Investigates the benefits and disadvantages of nuclear power. Discusses past uses and asks if future use of nuclear energy is risky.</p> <p><i>The Other Way.</i> Time-Life Films, 1974. 26 min. Economist E.F. Schumacher looks at the energy crisis with its related problems of fuel use, land use, and manpower use, and suggests solutions.</p> <p><i>Running on Empty—The Fuel Economy Challenge.</i> U.S. Department of Energy, 1978. 27 min. Presents a special 90-mile road rally, introducing a variety of methods that average drivers in average cars can use to achieve maximum savings in gasoline and money.</p>

MONTANA PUBLIC LIBRARY FILM SERVICE (Continued)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Sunbuilders.</i> Hal Kirn Associates for DOE, 1979. 20 minutes. Explains the easy steps that can be taken to incorporate passive solar designs into virtually any architectural style and documents the dramatic decrease in fuel costs that can occur when these designs are used.</p> <p>To obtain films:</p> <p>Fee of \$2.00 for films running 15 minutes or under, \$3.00 for films running over 15 minutes. Reservations should be made at least two weeks in advance.</p>

MONTANA SOLAR ENERGY INDUSTRIES ASSOCIATION

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Montana SEIA is an association of persons and businesses in the renewable energy industry in Montana.</p> <p>Contact:</p> <p>Wade Wilkison Executive Director P.O. Box 871 Helena, MT 59624 443-1630</p>	<p>Promotes the use of renewable energy by educating citizens and industry about the potential applications of solar systems.</p> <p>Promotes more appropriate state renewable energy policies and programs through lobbying and drafting of state legislation.</p> <p>Conducts solar and other renewable energy fairs, workshops, and events.</p>	<p><i>MontSeia News.</i> Monthly publication.</p>	<p>Speakers:</p> <p>Association members are available as speakers and will conduct workshops on solar applications including domestic water heating, space heating, and photovoltaics.</p> <p>To obtain speakers:</p> <p>Contact agency or local chapter members.</p>

MONTANA STATE LIBRARY

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana State Library provides library services to state employees, residents of institutions, and handicapped citizens. Reference service includes on-line computer database searches. It acts as a full depository and distribution center for state government publications and a partial depository for federal government publications. It also coordinates the public library development and library networks.</p> <p>Contact:</p> <p>Reference Department 1515 E. 6th Ave. Helena, MT 59620 444-3004</p>	<p>Maintains a general collection of books, magazines, and government agency publications on energy topics.</p>	<p>Numerous books, government publications and periodicals available.</p> <p>To obtain publications:</p> <p>General public may request publications and periodical articles through any public library. State agency employees may request titles directly from the State Library.</p>	<p>Films:</p> <p>Available.</p> <p>To obtain films:</p> <p>Request through public library. State employees may make requests directly from State Library.</p>

MONTANA STATE UNIVERSITY

Agricultural Experiment Station

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Agricultural Experiment Station is a branch of Montana State University which conducts studies in agriculture, natural resources, and rural life. Information from the research is made available to Montana residents.</p> <p>Contact:</p> <p>James R. Welsh Montana State University Bozeman, MT 59717 994-3681</p>	<p>Works toward energy conservation in agricultural operations by conducting research in the following areas:</p> <ul style="list-style-type: none"> • cropping sequences, • no-till planting, • tractor efficiency, • biological weed controls, • animal waste conversion to methane gas, • chemical fallow, • vegetable oil as an alternate fuel source, and • crop drying. <p>Provides technical information and consultation on research topics.</p>	<p>Research reports.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	

MONTANA STATE UNIVERSITY
Department of Agricultural and Industrial Education

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Department of Agricultural and Industrial Education is that branch of Montana State University which prepares industrial arts and vocational agriculture teachers for Montana and the region.</p> <p>Contact: Doug Polette Montana State University Bozeman, MT 59717 994-3201</p>	<p>Offers energy education programs that use a hands-on approach to understanding power sources and uses.</p>		<p>Slide Presentation: Topic: wood stoves.</p> <p>To obtain speakers: Contact agency</p>

MONTANA STATE UNIVERSITY
Department of Agricultural Engineering

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Agricultural Engineering Department is that branch of Montana State University which conducts teaching, research, and extension work in agricultural engineering.</p> <p>Contact: William Larsen 409 Cobleigh Hall Bozeman, MT 59717 994-2275</p>	<p>Conducts applied research and provides information on energy-related agricultural topics, such as:</p> <ul style="list-style-type: none"> • geothermal greenhouses, • tractors and tillage energy, • energy utilization for irrigation, • vegetable oil diesel fuel, and • biomass energy conversion. 	<p>Research reports on energy-related agricultural topics.</p> <p>To obtain publications: Contact agency.</p>	<p>Demonstrations: <i>Vegetable Oil Use in Diesel Engines.</i></p> <p>Speakers: Available.</p> <p>To obtain speakers: Contact agency.</p>

MONTANA STATE UNIVERSITY
Department of Animal and Range Science
Reclamation Research Unit

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Reclamation Research Unit is a subdivision of the Department of Animal and Range Science. Its function is to conduct research and teaching in the field of mined land rehabilitation.</p> <p>Contact: Frank Munshower Montana State University Bozeman, MT 59717 994-4821</p>	<p>Offers an M.S. degree in Land Rehabilitation.</p> <p>Conducts research and demonstration programs in mined land rehabilitation.</p>	<p>Publications and papers on reclamation research.</p> <p>To obtain publications:</p> <p>Most new publications available free on request. Older publications will be reproduced at requester's expense. Contact agency.</p>	

MONTANA STATE UNIVERSITY
Montana Water Resources Research Center

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Water Resources Research Center is a division of Montana State University which promotes research in water management and development. It works with existing agencies on the federal, state, and local level in planning and coordinating water resource management programs. It also has an educational outreach program to increase public awareness of water resources management.</p> <p>Contact:</p> <p>Howard S. Peavy Acting Director Water Resources Research Center Montana State University Bozeman, MT 59717 994-2891</p>	<p>Provides information on:</p> <ul style="list-style-type: none"> • small hydroelectric power generating systems: site feasibility, equipment selection, and evaluation procedures; • water quality and quantity evaluation procedures; • techniques for considering alternative water resources for steam-generating plants and synthetic fuel development; and • energy requirements for irrigation, municipal, and industrial uses. <p>Conducts studies on specific problems for federal, state, local, and private agencies and individuals.</p> <p>Conducts workshops and seminars on water management.</p>	<p>Publications on water resources.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Speakers:</p> <p>Available for selected topics.</p> <p>Display/Exhibits:</p> <p>Water management simulator for use in workshops and seminars.</p> <p>To obtain speakers or materials:</p> <p>Contact agency.</p>

MONTANA STATE UNIVERSITY

Science-Math Resource Center

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Science-Math Resource Center is a resource center for public school teachers in Montana and for education majors on the MSU campus.</p> <p>Contact:</p> <p>Vanetta Burton (for printed materials and audiovisuals) Montana State University Bozeman, MT 59717 494-4912 or Jade Hanson (for Energy Environment Simulator) Montana State University Bozeman, MT 59717 994-4912</p>	<p>Conducts citizens' workshops on energy and the environment. These include slides on energy problems, use of the energy-environment simulator, and discussion.</p>	<p>Energy curriculum materials, including publications from Energy and Man's Environment and from the National Science Teachers' Association.</p> <p>To obtain publications:</p> <p>Publications available to Montana public school teachers or education majors at MSU. Contact agency.</p>	<p>Sound Filmstrips:</p> <p><i>This World of Energy.</i> National Geographic.</p> <p><i>Harnessing the Sun.</i> National Geographic.</p> <p>Speakers:</p> <p>Larry Kirkpatrick Associate Professor of Physics</p> <p>Available for a 1-hour slide-talk presentation: <i>The Epoch of Fossil Fuels: A story of Exponential Growth.</i></p> <p>Workshops:</p> <p>Available. Topic: energy and the environment.</p> <p>To obtain materials or speakers:</p> <p>Available to any public school or open meeting of a citizens' group not charging admission. Contact agency.</p>

NATIONAL CENTER FOR APPROPRIATE TECHNOLOGY (NCAT)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The National Center for appropriate Technology is a not-for-profit organization established to research, develop, and transfer small-scale technologies that help solve the nation's energy problems. NCAT's goal is to promote the application of conservation and renewable energy technologies that can provide immediate help to individuals, organizations, and communities struggling with escalating energy costs.</p> <p>Contact:</p> <p>John Sesso P.O. Box 3838 Butte, MT 59702 494-4572</p>	<p>Offers a nationwide program of technical research, training, and technical assistance, and publications in the full range of appropriate technologies, including:</p> <ul style="list-style-type: none"> • conservation retrofit strategies for existing housing; • low-cost weatherization techniques and devices; • energy-efficient designs for new home construction; • low-cost, small-scale solar space and water heating systems; • power generation from wind machines, small hydro generators, and photovoltaics. 	<p><i>Connections: A 5th-6th Grade Curriculum in A.T.</i></p> <p><i>Introduction to Alcohol Fuels.</i></p> <p><i>Caulking: The Push Method.</i></p> <p><i>Thermostat Control Timer.</i></p> <p><i>How to Detect Air Leaks.</i></p> <p><i>Caulking vs. Weatherstripping.</i></p> <p><i>How to Select a Metal Storm Window.</i></p> <p><i>How to Insulate Hot Water Tanks.</i></p> <p><i>Superinsulation: Housing Trends for the 80's.</i></p> <p><i>The Caterpillar Cold Frame.</i></p> <p><i>Low-Cost Passive Solar Greenhouses Manual.</i></p> <p><i>Micro-Hydro Power.</i></p> <p><i>Getting Warm Without Getting Burned: Common Sense About Woodstoves.</i></p> <p><i>The Solar Survey.</i></p> <p><i>Natural Cooling for Homes.</i></p> <p><i>Fuel Alcohol Production: Survey of Systems.</i></p> <p><i>Making More Fuel Alcohol: Fermentation.</i></p> <p><i>Compost Toilets: Guide for Owners-Builders.</i></p> <p><i>Automatic Flue Dampers.</i></p> <p><i>Energy Diet for Mobile Homes.</i></p> <p><i>Appropriate Technology at work.</i></p>	<p>Speakers:</p> <p>Available.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

NATIONAL CENTER FOR APPROPRIATE TECHNOLOGY (NCAT) (Continued)

		<p><i>Wastes to Resources: Appropriate Technologies for Sewage Treatment and Conversion.</i></p> <p><i>Drying Wood with the Sun: How to Build a Solar-Heated Firewood Dryer</i></p> <p><i>Moisture and Home Energy Conservation</i></p> <p><i>Photovoltaics in the Pacific Islands: An Introduction to PV Systems.</i></p> <p><i>Using the Earth to Heat and Cool Homes.</i></p> <p><i>Introducing Supplemental Combustion Air to Gas-Fired Home Appliances.</i></p> <p><i>Solar Greenhouses and Sunspaces: Lessons Learned.</i></p> <p><i>Heat-Recovery Ventilation for Housing: Air-to-Air Heat Exchangers.</i></p> <p><i>Major Energy Conservation Retrofits: A Planning Guide for Northern Climates.</i></p> <p><i>Home Made Electricity: An Introduction to Small-Scale Wind, Hydro, and Photovoltaics.</i></p> <p><i>Window Insulation: How to Sort Through the Options.</i></p> <p><i>An Introduction to Biogas Production on the Farm.</i></p> <p>To obtain publications:</p> <p>Listing partial. For further information on available titles and prices, contact agency.</p>	
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NEW WESTERN ENERGY SHOW (NWES)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The New Western Energy Show, a branch of AERO, is an organization dedicated to public education about renewable energy. The current focus of its efforts is on the children and schools of Montana.</p> <p>Contact:</p> <p>Robin Leenhouts 324 Fuller, C-4 Helena, MT 59601 443-7272</p>	<p>Circulates "Energy Boxes:" Energy education resource centers for elementary and secondary schools.</p> <p>Offers technical workshops on construction of solar collectors, greenhouses, ovens, etc.</p> <p>Offers classes and lectures.</p> <p>Maintains a library on energy-related topics.</p> <p>Provides consulting services for teachers and the general public.</p>	<p><i>Get Your Hands on Energy.</i> \$4.50. Activity guide for energy education.</p> <p><i>The Energy Show.</i> \$2.75. Script for theatre show using six actors.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Film:</p> <p><i>The New Western Energy Show.</i> 25 min. Documentary.</p> <p>Displays:</p> <p>Renewable energy exhibits.</p> <p>Speakers:</p> <p>Available.</p> <p>To obtain materials or speakers:</p> <p>Contact agency to arrange for speakers or display rental. Documentary available from agency or Bullfrog Films, Oley, Pa.</p>

NORTHWEST POWER PLANNING COUNCIL

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Northwest Power Planning Council, created by federal legislation and operated by the Northwest states, provides a new public forum for making decisions about our energy future and assuring that the region has all the power it needs at the lowest possible cost. It is comprised of two representatives each from the states of Montana, Washington, Idaho, and Oregon.</p> <p>Contact:</p> <p>Bernd Hoffmann Northwest Power Planning Council Montana Office Capitol Station Helena, MT 59620 444-3952</p>	<p>To provide an adequate supply of low-cost electricity.</p> <p>To select resources following the cost-effectiveness principles and priorities in the Act;</p> <p>To evaluate all resources from a total regional system perspective to ensure their compatibility with the existing hydropower system;</p> <p>To select resources with the least adverse impacts on the environment, or those whose adverse environmental impacts can be mitigated;</p> <p>To select resources that are consistent with protecting and enhancing fish and wildlife, and that mitigate power system impacts on fish and wildlife;</p> <p>To provide a reliable power supply that will meet any future load growth; and</p> <p>To develop a flexible strategy so that the plan can be modified as conditions change and new information becomes available.</p>	<p><i>Northwest Conservation and Electric Power Plan</i></p> <p><i>Columbia River Basin Fish and Wildlife Program</i></p> <p><i>Northwest Energy News (Bimonthly newsletter)</i></p>	<p>Speakers:</p> <p>Available.</p> <p>Topic: The Northwest Power Planning Act and its potential ramifications for Montana and the Northwest.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

OFFICE OF PUBLIC INSTRUCTION (OPI)

Audiovisual Library

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/ SPEAKERS/DISPLAYS
<p>The State Audiovisual Library is a division of the Office of Public Instruction that maintains a collection of 16mm educational films available for rental to schools and other educational groups in Montana.</p> <p>Contact:</p> <p>Ed Weiss Supervisor 1430 Dodge Ave. Helena, MT 59620 444-3170</p>	<p>Loans energy films.</p>	<p>Films:</p> <p><i>The Age of Steam.</i> 6570</p> <p><i>American Frontier.</i> 5570</p> <p><i>Atom: A Closer Look.</i> 9363</p> <p><i>Atomic Power Production.</i> 5767</p> <p><i>Backyard Alternative Energy.</i> 9364</p> <p><i>Barrel Number One.</i> 5569</p> <p><i>Black Coal, Red Power, Parts I and II</i> 8633</p> <p><i>Coal: A Source of Energy.</i> 8390</p> <p><i>Colorado River: Water and Power for the Southwest.</i> 6724</p> <p><i>Conserving Our Mineral Resources.</i> 6701</p> <p><i>Electricity and How It Is Made.</i> 5884</p> <p><i>Electricity Works for Us.</i> 5682</p> <p><i>Electricity: Production.</i> 5851</p> <p><i>Electrons at Work.</i> 5197</p> <p><i>Energy.</i> 7887</p> <p><i>Energy and Models.</i> 7440</p> <p><i>Energy and Power: A First Look.</i> 5640</p> <p><i>Energy Crisis.</i> 7952</p> <p><i>Energy Sources of the Future.</i> 8544</p> <p><i>Energy: A First Film.</i> 7581</p> <p><i>Energy: Less Is More.</i> 8271</p> <p><i>Energy: New Sources.</i> 8270</p>

OFFICE OF PUBLIC INSTRUCTION (OPI) (Continued)
Audiovisual Library

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
		<p><i>Energy: The Dilemma.</i> 8268</p> <p><i>Energy: The Nuclear Alternative.</i> 8269</p> <p><i>Energy: A Matter of Choices.</i> 8106</p> <p><i>Energy: Can't Do Without It.</i> 8189</p> <p><i>Exploring Electromagnetic Energy.</i> 5635</p> <p><i>Farm Petroleum Safety.</i> 5573</p> <p><i>Fuels: Their Nature and Use.</i> 0429</p> <p><i>Ground Water.</i> 9563</p> <p><i>How Power Drives Machines.</i> 5587</p> <p><i>Inside the Big E.</i> 5565</p> <p><i>Inside the Mountain.</i> 9583</p> <p><i>Ionization Energy.</i> 5710</p> <p><i>It Will Run Out on Us.</i> 8547</p> <p><i>The Mighty Atom.</i> 6746</p> <p><i>Nonstop to Everywhere.</i> 5566</p> <p><i>Our Mr. Sun, Part I-Part II.</i> 4678</p> <p><i>Powerline-Transportation of Energy.</i> 7550</p> <p><i>Saudi Arabia: The Oil Revolution.</i> 9354</p> <p><i>Strip Mine Trip.</i> 8505</p> <p><i>Turn a Handle Flick a Switch.</i> 8499</p> <p><i>Twenty-Four Hours of Progress.</i> 5568</p> <p><i>We Are Water.</i> 8847</p> <p><i>We Use Power.</i> 4740</p>

OFFICE OF PUBLIC INSTRUCTION (OPI) (Continued)
Audiovisual Library

		<p><i>What in the World is Water?</i> 8366</p> <p><i>When the Circuit Breaks.</i> 8829</p> <p>To obtain films:</p> <p>Rental fee of \$6.50 per film per week. \$19.50 late charge.</p>

OFFICE OF PUBLIC INSTRUCTION (OPI)

Education Specialists

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The education specialists of the Office of Public Instruction are state employees whose function is to assist Montana school teachers and administrators by providing additional curriculum materials and training.</p> <p>Contacts:</p> <p>Office of Public Instruction 1300 Eleventh Ave. Helena, MT 59620</p> <p>Bob Briggs Science Specialist 444-4439</p> <p>Mary Elizabeth McAulay Homemaking and Wage Earning Specialist 444-2059</p> <p>Jeffery Wulf Vocational Education Specialist 444-4452</p>	<p>Provides information and materials to teachers.</p> <p>Conducts demonstration classes.</p> <p>Conducts in-service teacher training.</p>	<p>Curriculum materials.</p> <p>To obtain publications:</p> <p>Materials available to Montana teachers. Contact agency.</p>	<p>Speakers:</p> <p>Available.</p> <p>Exhibits:</p> <p>Energy Environment Simulator.</p> <p>Films:</p> <p>See Office of Public Instruction, Audiovisual Library.</p> <p>To obtain materials or speakers:</p> <p>Speakers: Contact appropriate specialist.</p> <p>Exhibits: Contact Bob Briggs.</p>

**PACIFIC POWER AND LIGHT COMPANY (PPL)
Energy and Conservation Services Department**

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Pacific Power and Light is a utility company that supplies electric service to Kalispell, Libby, Whitefish, Columbia Falls, Lakeside, and Bigfork.</p> <p>Contact:</p> <p>Lynn Everett Energy and Conservation Services Department P.O. Box 250 Kalispell, MT 59901 755-7461</p>	<p>Conducts energy audits to determine if home improvements will be cost effective.</p>	<p>Available.</p> <p>To obtain publications.</p> <p>Contact local office.</p>	<p>Complete listing available.</p> <p>To obtain materials:</p> <p>Contact local office.</p>

PUBLIC SERVICE COMMISSION (PSC)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana Public Service Commission (PSC) regulates public utility and transportation industries. Its goal is to provide consumers with adequate services at the lowest achievable cost while still allowing industry a fair return on investment.</p> <p>Contact:</p> <p>Thomas J. Schneider, Chairman 1227 11th Ave. Helena, MT 59620 444-6165</p>	<p>Regulates public utility and transportation industries that provide intrastate services including: natural gas and electric operations.</p> <p>The PSC has substantial impact upon energy use and fairness in regard to energy issues and rate design (marginal cost pricing, inverted rates, etc.).</p> <p>The "buy-back rates" established by the PSC based on the utilities' "avoided cost" have a significant bearing on renewable energy development.</p> <p>PSC treatment of utility weatherization and audit activities affects the level of direct conservation investments.</p> <p>The Consumer Service representative and the commissioners provide direct personal assistance to consumers on complaints, disagreements, or questions.</p>		<p>Speakers:</p> <p>Commissioners</p> <p>Executive Director</p> <p>Administrator, Utility Division</p> <p>Administrator, Legal Division</p> <p>Consumer Service Representative.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

UNIVERSITY OF MONTANA

Department of Geology

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Department of Geology is that division of the University of Montana which conducts teaching and research in the area of geology and environmental studies.</p> <p>Contact: Arnold Silverman University of Montana Missoula, MT 59812 243-5151</p>	<p>Offers undergraduate and graduate programs in geology, with emphasis on energy resources, mineral resources, economic geology, and hydrogeology.</p> <p>Offers graduate programs in association with the Environmental Studies program of U of M.</p> <p>Offers teaching and research assistantships in above programs.</p> <p>Conducts research on energy resources.</p>	<p>Publications available on solar and nuclear energy, coal, and synfuels. Also, strategic and critical mineral resources and water resources in energy production.</p> <p>To obtain publications: Contact agency.</p>	<p>Speakers: Faculty and graduate students available for meetings, symposia, and workshops.</p> <p>To obtain speakers: Contact agency.</p>

UNIVERSITY OF MONTANA

Environmental Library

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Environmental Library, initially begun by western Montana scientists and funded privately, is now a branch of the University of Montana. It continues its original function: to provide citizens with scientific information in understandable form.</p> <p>Contact:</p> <p>William Tomlinson Environmental Library University of Montana Missoula, MT 59812 243-2282 or 243-2944</p>	<p>Maintains regionally specific files on:</p> <ul style="list-style-type: none"> • energy generation: alternatives, development, policy, rates, supplies; • transmission systems: development and effects; • conservation; and • legislation and statutory implementation. <p>Catalogues information on:</p> <ul style="list-style-type: none"> • air and water pollution, • water resources, • fuels and minerals, and • radiation and hazardous materials. <p>Lends materials to general public through personal visit or mail checkout system.</p>	<p>Books, pamphlets, documents available for loan.</p> <p>To obtain publications:</p> <p>Available to public through personal visit or mail checkout system.</p>	<p>Slides:</p> <p>35mm slides available.</p> <p>Displays:</p> <p>Black and white display mounted prints available.</p> <p>To obtain materials:</p> <p>Materials available for loan. Contact agency.</p>

U.S. DEPARTMENT OF AGRICULTURE

Farmers Home Administration (FmHA)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Farmers Home Administration (FmHA) is a credit agency of the United States Department of Agriculture which serves rural and small town residents. FmHA administers several loan programs: for the purchase or operation of farms, to provide new employment and business opportunities, to acquire homes, and to upgrade the standard of living of residents of small towns or open country.</p> <p>Contact:</p> <p>Arthur E. Lund State Director Farmers Home Administration P.O. Box 850 Bozeman, MT 59715 587-5271, Ext. 4221</p>	<p>Provides loans for the purchase of solar-heated homes to qualified applicants.</p> <p>Provides loans for small hydro projects to farmers.</p>	<p>Pamphlets available on loan programs.</p> <p>To obtain publications: Contact agency.</p>	

U.S. DEPARTMENT OF ENERGY

Technical Information Center

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
<p>The Technical Information Center is the educational outreach branch of the Department of Energy.</p> <p>Contact:</p> <p>Technical Information Center P.O. Box 62 Oakridge, TN 37830</p>	<p>Provides information on a variety of energy sources to teachers and consumers.</p>	<p>Pamphlets:</p> <p><i>Fossil Energy Oil.</i></p> <p><i>Nuclear Power from Fission Reactors.</i></p> <p><i>Geothermal Energy and Our Environment.</i></p> <p><i>Heating With Wood.</i></p> <p><i>1982 Gas Mileage Chart.</i> 28 pp.</p> <p><i>How to Improve the Efficiency of Your Oil-Fired Furnace.</i> 1978. 9 pp.</p> <p><i>Magnetic Fusion.</i> 1978. 9 pp.</p> <p><i>Ocean Energy.</i></p> <p><i>Solar Energy.</i> 1979. 27 pp.</p> <p><i>Wind Energy.</i></p> <p><i>Winter Survival: A Consumer's Guide to Winter Preparedness.</i> 1978. 18 pp.</p> <p>Teachers' Resource Material:</p> <p><i>Energy Ant Book.</i> Grades K-3. Explores energy conservation with energy ant in a 30-page book. 1 copy on request.</p> <p><i>Energy and Transportation.</i> Grades 3-5. Uses clarification activities, picture studies, and other developmental approaches to describe transportation in the neighborhood, community, and nation.</p> <p><i>Networks: How Energy Links People, Goods, and Services.</i> Grades 4-5. Describes dependence on energy systems. Lessons include making models of electrical systems and naming the interacting parts.</p> <p><i>The Energy Dome.</i> Grades 4-6. Social studies unit with 14 lessons. Students look at all aspects of building and operating a domed stadium, an obvious large user of energy. They learn how Americans use energy that rapidly depletes stores of fossil fuels.</p>

U.S. DEPARTMENT OF ENERGY (Continued)
Technical Information Center

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
		<p><i>Science Activities in Energy.</i> Grades 4-6. Six file-folder units contain simple hands-on science experiments designed to help students learn about forms and sources of energy.</p> <p><i>The Energy Future Today.</i> Grades 7-9. 10 lessons. Study unit looks at decisions on the use of fossil fuels, conservation, allocation of scarce resources, and development of renewable energy sources. Using concepts of scarcity, tradeoffs, investment, and decision-making, students draw from science and social studies to decide various courses of action for energy supplies and use.</p> <p><i>Geothermal Energy.</i> Grades 7-9. File-folder unit with two lessons on geothermal energy. Includes classroom poster and photocopy masters for student worksheets.</p> <p><i>How a Bill Becomes a Law to Conserve Energy.</i> Grades 9-12. Focuses on the legislative process. Includes a fabricated Citizen's Band (CB) radio conversation, a simulated congressional hearing on the 55 MPH speed limit bill, which was adapted from the actual hearing record, and exercises in graph construction and interpretation.</p> <p><i>Agriculture, Energy and Society.</i> Grades 10-12. Packet based on the conviction that an energy/food production crisis is already with us. Presents basic economics of food production, profit and loss, and the law of diminishing returns. Lessons build skills in data analysis, graph interpretation, and an understanding of energy units and their conversions.</p> <p>To obtain publications: Publications available at no charge in quantities of 50 or less. Contact agency. Allow 4-6 weeks for delivery.</p> <p>Teacher Materials: <i>Award Winning Energy Activities</i> <i>The Energy Challenge</i></p>

U.S. DEPARTMENT OF ENERGY (Continued)
Technical Information Center

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS
		<p>Posters:</p> <p><i>He will thank you for conserving energy.</i></p> <p><i>She will thank you for conserving energy.</i></p> <p><i>They will thank you for conserving energy.</i></p> <p><i>There is an Alternative.</i></p> <p><i>Solar/Renewable Energy.</i></p> <p><i>Today We're Doing It.</i></p> <p><i>We're doing it, we're saving energy.</i></p> <p><i>How to Get Better Mileage.</i></p> <p><i>Take a Tip from Gasoline Alley.</i></p> <p><i>Turn Out the Lights.</i></p> <p><i>Saving Energy Means Work.</i></p> <p><i>Ten Ways to Save Energy.</i></p> <p>To obtain materials:</p> <p>Publications available at no charge in quantities of 50 or less. Contact agency. Allow 4-6 weeks for delivery. For information on posters, contact agency.</p>

**U.S. DEPARTMENT OF THE INTERIOR
Bureau of Land Management (BLM)**

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Bureau of Land Management is a division of the U.S. Department of the Interior. It administers and regulates mining and land leasing laws on federal and Indian lands.</p> <p>Contact: Bob Webb 222 N. 32nd St. P.O. Box 30157 Billings, MT 59107 657-6474</p>	<p>Does environmental planning and assessment.</p> <p>Issues leases for coal, gas, and geothermal energy resources on federal land.</p> <p>Approves industry proposals for exploration and development of mineral resources on federal lands.</p>	<p>Environmental impact statements on specific areas.</p> <p><i>Energy Mineral Rehabilitation Inventory and Analysis</i> (EMRIA). Very technical.</p> <p>To obtain publications: Contact agency.</p>	<p>Speakers: Available.</p> <p>Topics: coal development, soil characteristics, ground water analysis to determine energy potential of federal lands, and federal land management.</p> <p>To obtain speakers: Contact agency.</p>

U.S. DEPARTMENT OF THE INTERIOR
Bureau of Reclamation

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Bureau of Reclamation is a federal agency under the Department of the Interior. It is concerned with water resources development and conservation.</p> <p>Contact:</p> <p>Diane Noennig P.O. Box 2553 Billings, MT 59103 657-6218</p>	<p>Conducts teacher training workshops in conjunction with other federal agencies and the Montana Environmental Education Services Association (MEESA).</p>	<p>Brochures available on multi-purpose uses of water.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Films:</p> <p>Available.</p> <p>Speakers:</p> <p>Available.</p> <p>Displays/Exhibits:</p> <p>Water resource management simulator used in teacher-training workshops.</p> <p>To obtain materials and speakers:</p> <p>Contact agency.</p>

**U.S. DEPARTMENT OF THE INTERIOR
Geological Survey (USGS)**

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The U.S. Geological Survey is a federal agency under the Department of the Interior which conducts surveys, investigations, and research on geology, mineral, and water resources.</p> <p>Contact:</p> <p>G. M. Pike District Chief Federal Building Drawer 10076 Helena, MT 59626 449-5263</p>	<p>Provides information about water and mineral resources of Montana.</p> <p>Monitors stream flow in Montana.</p> <p>Prepares maps and reports on local coal resources.</p>	<p>Numerous publications available.</p> <p>To obtain publications:</p> <p>Contact:</p> <p>Open-File Services Section Western Distribution Branch U.S. Geological Survey Box 25425, Denver Federal Center Lakewood, CO 80225 (303) 234-5888</p>	<p>Displays:</p> <p>Maps, geological teaching aids available.</p> <p>Speakers:</p> <p>As available.</p> <p>To obtain materials or speakers:</p> <p>For maps and teaching aids, contact:</p> <p>Branch of Visual Aids 303 National Center Room B/C-103 12201 Sunrise Valley Dr. Rustin, VA 22092</p> <p>or</p> <p>Rocky Mountain National Cartographic Center U.S.G.S. P.O. Box 25046 DFC Mail Stop 504 Denver, CO 80225</p> <p>For speakers, contact local office.</p>

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The EPA is a federal agency responsible for insuring compliance with regulations involving air, water, toxic substances, and hazardous waste.</p> <p>Contact:</p> <p>Richard T. Montgomery 301 S. Park Drawer 10096 Federal Building Helena, MT 59626 449-5414</p>	<p>Administers regulations affecting energy development.</p> <p>Issues or overviews state issuance of permits under the</p> <ul style="list-style-type: none"> • Clean Air Act • Drinking Water Act • Resource Conservation Act 	<p>Documents available on all aspects of environmental contracts, regulations, etc.</p> <p>To obtain publications:</p> <p>Copies of regulations available upon request. Publications on pollution control available at no cost if extra copies are available. If ordering is necessary, they will be sold at cost.</p>	<p>Speakers:</p> <p>Available.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

WESTERN AREA POWER ADMINISTRATION (WAPA)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Western Area Power Administration is a power marketing agency which provides electrical power generated at 46 hydroelectric power plants to over 450 distributors in fifteen western states.</p> <p>Contact:</p> <p>Jim Davies Billings Area Office Manager P.O. Box EGY, B0000 Billings, MT 59101 657-6532</p>	<p>Provides customers with guidelines for energy conservation.</p>	<p><i>Annual Report.</i></p> <p><i>What is Western?</i></p> <p><i>Energy Transmission for Tomorrow.</i></p> <p><i>Closed Circuit.</i> Employee newsletter.</p> <p>To obtain publications:</p> <p>Contact agency.</p>	<p>Displays:</p> <p>Western Exhibit.</p> <p>Slide Shows:</p> <p>Presentation on Western Area Power Administration.</p> <p>Presentation on Billings Area Office.</p> <p>Speakers:</p> <p>Available. Topic: transmission and marketing of hydropower.</p> <p>To obtain materials or speakers:</p> <p>Contact agency.</p>

WESTERN ENERGY COMPANY (WECO)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Western Energy, a wholly-owned subsidiary of the Montana Power Company, is a fully integrated mining company engaged in the exploration, leasing, development, marketing, and operation of coal and lignite properties. WECO supplies coal to utility companies and is also involved in research.</p> <p>Contact:</p> <p>William Robinson 107 E. Granite Butte, MT 59701 723-3151</p> <p>Tour contact:</p> <p>Rich Dale Western Energy Company Colstrip, MT 59323</p>	<p>Provides information about coal development.</p> <p>Gives tours at Colstrip, Montana.</p>		<p>Speakers:</p> <p>Available on request.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

WESTMORELAND RESOURCES, INC.

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>Westmoreland Resources, Inc., is a coal mining company.</p> <p>Contact:</p> <p>David W. Simpson P.O. Box 449 Hardin, MT 59034 342-5241</p>	<p>Provides information to the general public through speakers on mine planning, reclamation, and environmental studies.</p> <p>Conducts mine tours.</p>		<p>Speakers:</p> <p>Available.</p> <p>To obtain speakers:</p> <p>Contact agency.</p>

WOMEN INVOLVED IN FARM ECONOMICS (WIFE)

GENERAL INFORMATION	ENERGY-RELATED FUNCTIONS	PUBLICATIONS	AUDIOVISUAL MATERIALS/SPEAKERS/ DISPLAYS
<p>The Montana WIFE organization is a women's group that works for the promotion of economic prosperity in the agricultural sector.</p> <p>Contacts:</p> <p>Pat Torgerson Lambert, MT 59243 774-3744</p> <p>Shirley Ball Nashua, MT 59248 785-4731</p> <p>Linda Nielsen Nashua, MT 59248 746-3274</p>	<p>Promotes research in and development of gasohol.</p> <p>Offers technical information on small-scale gasohol production.</p> <p>Provides referrals to other agencies or information sources.</p>		<p>Speakers:</p> <p>Available.</p> <p>Demonstrations:</p> <p><i>Food and Fuel from Grain.</i></p> <p><i>Making Mash.</i></p> <p>To obtain speakers:</p> <p>Contact agency.</p>

APPENDIX A

FEDERAL SOURCES OF INFORMATION

The following references which are national in scope, offer information on energy conservation and renewable resources to state and local governments and to the general public. Those phone numbers beginning with 800 are toll free.

Conservation and Renewable Energy Inquiry and Referral Service (CAREIRS) (Operated by Franklin Institute for the Department of Energy)	800-523-2929
Energy Conservation Product Safety (Operated by Consumer Product Safety Commission)	800-638-2772
Federal Tax Information Hotline (Numbers differ by locality. Consult the white pages under "U.S. Government, Department of the Treasury, Internal Revenue Service.")	
National Appropriate Technology Assistance Service (NATAS)	800-428-2525 (800-428-1718 in MT)
National Consumer Cooperative Bank (Operated by Coop. Bank for incorporated cooperative organizations only)	800-424-2481
National Energy Information Center (Operated by the Energy Information Administration)	202-252-8800
National Energy Information Center Affiliate—Western Information Center (Operated for the Energy Information Administration)	505-846-2375
Office of Technology Sharing (Operated by the Department of Transportation)	800-225-1612
Ridesharing Information Center (Operated by the Department of Transportation)	202-426-0210
Solar Energy Research Institute (SERI)	303-231-7303

COUNTY EXTENSION AGENTS

John E. Maki
Beaverhead County
Box 190
Dillon, MT 59725
683-2842

Maureen Bruening Jensen
Big Horn County
Drawer F
Hardin, MT 59034
665-1405

Wade Crouch
Blaine County
Box 519
Chinook, MT 59523
357-3200/2359

Robert G. Brastrup
Broadwater County
Box 670
Townsend, MT 59644
266-3419

Merrylee Vukonich
Carbon County
Drawer F
Joliet, MT 59041
962-3545

Joseph W. Morris
Cascade County
Box 2284
Great Falls, MT 59404
761-6700 ext 295

George H. Erickson
Chouteau County
Box 428
Ft. Benton, MT 59442
622-3751

Olaf Sherwood
Custer County
Courthouse
Miles City, MT 59301
232-4781

Rex Gaustad
Daniels County
Box 187
Scobey, MT 59263
487-2861

Carolyn Dufner
Dawson County
Box 811
Glendive, MT 59330
365-4277

Extension Agent
Deer Lodge County
Courthouse
Anaconda, MT 59711
563-8421 ext 213

Pamela S. Castleberry
Fallon-Carter County
Box 850
Baker, MT 59313
778-2891

J. David Phillips
Fergus County
Box 740
Lewistown, MT 59457
538-3919/7611

Darel E. Fenner
Flathead County
723 5th Ave. East
Kalispell, MT 59901
755-5300 ext 202

Donald P. Addy
Fort Belknap Reservation
Fort Belknap Agency
Harlem, MT 59526
353-2205 ext 459

Gene W. Surber
Gallatin County
Room 304, Courthouse
Bozeman, MT 59715
586-0271

Lester Guptill
Garfield County
Box 81
Jordan, MT 59337
557-2770

James Roller
Glacier County
Courthouse
Cut Bank, MT 59427
873-2382

Lyle Niederklein
Granite County
Box 665
Phillipsburg, MT 59858
859-3292

Woodrow Ekegren
Hill County
Courthouse
Havre, MT 59501
265-5481 ext 33

Clinton F. Peck
Judith Basin County
Box 427
Stanford, MT 59479
566-2210

G. Edward Bratton
Lake County
Box 0
Ronan, MT 59864
676-4271

Laurence Hoffman
Lewis & Clark County
Box 855
Helena, MT 59601
443-1010 ext 346

Judee Wargo
Liberty County
Box 607
Chester, MT 59522
759-5625

APPENDIX B (Continued)

Robert E. Wilson
Lincoln County
418 Mineral Avenue
Libby, MT 59923
293-7781 ext 211/212

Merle Lyda
Madison-Jefferson County
Box B
Whitehall, MT 59759
287-3282

Nels E. Boe
McCone County
Box 200
Circle, MT 59215
485-2605

Wilfred Huot
Mineral County
Box 730
Superior, MT 59872
822-4561

Gerald W. Marks
Missoula County
301 W. Alder
Missoula, MT 59801
721-5700
ext 300/301/302/303/304

Darryld J. Kautzmann
Musselshell-Golden
Valley County
Box 128
Roundup, MT 59072
323-2704

Martin C. Malone
Park County
414 E. Callender
Livingston, MT 59047
222-6120 ext 242/243/244

Jim Schumaker
Phillips County
Box 430
Malta, MT 59538
654-2543

John R. Baringer
Pondera County
20 4th Ave. S.W.
Conrad, MT 59425
278-3121

Cal Miller
Powder River County
Box 1
Broadus, MT 59317
436-2424

David Streufert
Powell County
Box 660
Deer Lodge MT 59722
856-1852

James Lindstrom
Prairie County
Box 7
Terry, MT 59349
637-5786

G. Robert Johnson
Ravalli County
Courthouse, Box 5009
Hamilton, MT 59840
363-2044

Carol Tarnavsky
Richland County
Box 1028
Sidney, MT 59047
482-1206/1216

Roger Ashley
Roosevelt County
Box 416
Culbertson, MT 59218
787-5321

Kevin Dawe
Rosebud-Treasure County
Box 65
Forsyth, MT 59327
356-7320

Donald J. Nicholson
Sanders County
Box 189
Thompson Falls, MT 59873
827-3532

Terry Angvick
Sheridan County
Courthouse
Plentywood, MT 59254
765-2310

Harold Johns
Silver Bow County
Courthouse
Butte, MT 59701
723-8262 ext 226

Charles E. Egan
Stillwater County
Box 807
Columbus, MT 59019
322-5334

Olaf J. Brekke
Sweet Grass County
Box 640
Big Timber, MT 59011
932-2445

William R. Richter
Teton County
Box 130
Choteau, MT 59422
466-2491/2942

Lorna Loeffler
Toole County
Courthouse
Shelby, MT 59474
434-5351

Barbara Hoffman
Valley County
Box 991
Glasgow, MT 59230
228-2456

Mark E. Turner
Wibaux County
Box 345
Wibaux, MT 59353
795-2432

Don Peterson
Yellowstone County
Room 202, Courthouse
Billings, MT 59101
252-5181 ext 344

APPENDIX C

MONTANA POWER CONSUMER SERVICES MANAGERS

Pat Penberthy
Consumer Services Manager
The Montana Power Company
P.O. Box 2538
Billings, MT 59103
252-0591

Max Russell
Consumer Services Manager
The Montana Power Company
P.O. Box 490
Bozeman, MT 59715
586-1331

Harry A. Miller
Consumer Services Manager
The Montana Power Company
2100 Harrison Avenue
Butte, MT 59701
723-5421

Loren (Skip) Seaver
Consumer Services Manager
The Montana Power Company
P.O. Box 591
Great Falls, MT 59401
453-0321

Bob Quinn
Consumer Services Manager
The Montana Power Company
P.O. Box 5329
Helena, MT 59604
442-4610

John Swenson
Consumer Services Representative
The Montana Power Company
P.O. Box 430
Kalispell, MT 59901
755-7186

Frank Spangler
Consumer Services Supervisor
The Montana Power Company
P.O. Box 191
Havre, MT 59501
265-7876

Gary Willis
Consumer Services Supervisor
The Montana Power Company
P.O. Box 1100
Lewistown, MT 59457
538-5415

Ken Clawson
Consumer Services Supervisor
The Montana Power Company
P.O. Box 4467
Missoula, MT 59806
549-2301

RURAL ELECTRIC COOPERATIVES

Rural Electric Cooperatives (RECs) supply electric power to localities throughout Montana. Most offer energy audit programs for residences, and some have educational programs for consumers and students. Contact your local REC for more information.

Thomas Croston, Manager
Beartooth Electric Co-op, Inc.
Red Lodge, MT 59068
446-2310

George R. Hoynes, Manager
Big Flat Electric Co-op, Inc.
P.O. Box H
Malta, MT 59538
654-2040

Duane Portwood, Manager
Big Horn County Electric Co-op, Inc.
P.O. Box AE
Lodge Grass, MT 59050
639-2341

Richard Peck, Manager
Fergus Electric Co-op, Inc.
Box 58
Lewistown, MT 59457
538-3465

H. L. Helgeson, Manager
Flathead Electric Co-op, Inc.
510 LaSalle Road
Kalispell, MT 59901
755-5483

William Chapman, Manager
Glacier Electric Co-op, Inc.
P.O. Box 358
Cut Bank, MT 59427
873-5566

Marvin Robinson, Manager
Goldenwest Electric Co-op, Inc.
Box 245
Wibaux, MT 59353
795-2423

Harold C. Ebaugh, General Manager
Hill County Electric Co-op, Inc.
Box 430
Havre, MT 59501
265-7808

Melvin Miller, Manager
Lincoln Electric Co-op, Inc.
Box 628
Eureka, MT 59917
296-2511

Verne F. Roland, Manager
Lower Yellowstone REA, Inc.
P.O. Box 951
Sidney, MT 59270
482-1602

Larry L. Nelson, Manager
Marias River Electric Co-op, Inc.
P.O. Box 729
Shelby, MT 59474
434-5575

Eugene J. Schuld, Manager
McCone Electric Co-op, Inc.
P.O. Box 368
Circle, MT 59215
485-3430

Charles E. Lyndes, Manager
Mid-Yellowstone Co-op, Inc.
Box 386
Hysham, MT 59038
342-5521

Harold Diesen, Manager
Missoula Electric Co-op, Inc.
1950 West Sherwood
Missoula, MT 59801
549-6115

Leslie Pettit, Manager
Northern Electric Cooperative
P.O. Box 287
Opheim, MT 59250
762-3352

APPENDIX D (Continued)

Donald Amundsen, Manager
Northern Lights, Inc.
1423 Dover Highway
Sandpoint, ID 83864
263-5141

Rodney Siring, Manager
Park Electric Co-op, Inc.
Box 908
Livingston, MT 59047
222-3100

Gary Mason, Manager
Ravalli County Electric Co-op, Inc.
Corvallis, MT 59828
961-3301

George M. Donaldson, Manager
Sheridan Electric Co-op, Inc.
P.O. Box 227
Medicine Lake, MT 59247
789-2231

Vernon L. Emery, Manager
Southeast Electric Co-op, Inc.
Box 368
Ekalaka, MT 59324
775-8762

Rodney K. Hanson, Manager
Sun River Electric Co-op, Inc.
Box 217
Fairfield, MT 59436
467-2526

James A. Richards, Manager
Tongue River Electric Co-op, Inc.
P.O. Box 138
Ashland, MT 59003
784-2341

James Follensbee, Manager
Upper Missouri G&T Co-op
705 Lincoln Lane
Billings, MT 59101
248-7936

William Heit, Manager
Upper Missouri G&T Co-op
P.O. Box 1069
Sidney, MT 59270
482-4100

Richard Thronson, Manager
Valley Electric Co-op, Inc.
P.O. Box 392
Glasgow, MT 59230
228-9351

Wilbur Anderson, Manager
Vigilante Electric Co-op, Inc.
P.O. Box 71
Dillon, MT 59725
683-2327

Erval Rainey, Manager
Western Montana G&T Electric
Co-op, Inc.
1950 W. Sherwood
Missoula, MT 59801
721-4433

Duane Broadbent, Manager
Yellowstone Valley Electric Co-op,
Inc.
P.O. Box 8
Huntley, MT 59037
348-3411

APPENDIX E

SPECIAL PROJECT CONTACTS

These companies, organizations, and agencies have no materials prepared for classroom use, but may be of assistance for special projects

Decker Coal Company:

Sam Scott
Keiwit Mining and Energy Office
PO. Box 746
Sheridan, WY 82801
307-672-3401
(Located at Decker, MT)

Montana Petroleum Associates:

1802 11th Avenue
Helena, MT 59601
442-7852

Storm King Coal Mining Company, Inc

Paulette Prouse
4166 Goulding Creek Route
Roundup, MT 59072
323-1646

Highway Traffic Safety Division:

303 N. Roberts
Helena, MT 59620
444-3412

Peabody Coal Company:

Big Sky Mine
Tracy Hendricks, Superintendent
PO. Box 97
Colstrip, MT 59323
748-2321

Western Environmental Trade Association:

1804 11th Avenue
Helena, MT 59601
443-5541

Knife River Coal Mining Company:

Curtis L. Blohm
Reclamation Manager
PO. Box 1357
Bismarck, ND 58501
701-223-1771
(Located at Savage, MT)

P.M. Coal Company:

George and Paul Meged
Goulding Creek Route
Roundup, MT 59072
323-1131

Westmoreland Coal Company:

David W. Simpson, General Manager
PO. Box 449
Hardin, MT 59034
342-5241

APPENDIX F

HUMAN RESOURCE DEVELOPMENT COUNCILS

Glendive	Action for Eastern Montana 123 North Merrill 59330	232-2590
Havre	District IV HRDC Box 1509 59501	265-6744
Great Falls	Opportunities, Inc. Box 2289 59403	761-0310
Lewistown	Central Montana District VI HRDC Box 72 59547	323-2547 538-7488
Billings	District VII HRDC 2518 First Ave. North 59101	248-7477
Helena	Rocky Mountain Development Council Box 721 59624	442-1522
Bozeman	District IX HRDC 317 East Mendenhall 59715	587-4486
Kalispell	Northwest Montana Resource Council Box 1058 59901	755-1567
Missoula	District XI HRDC 617 S. Higgins 59801	728-3710
Butte	Butte-Silver Bow Anti-Poverty Council Box 3486 59701	723-8262

APPENDIX G

LISTING OF ENTRIES BY SUBORDINATE AGENCY

Audiovisual Library	Office of Public Instruction
Building Codes Division	Montana Department of Administration
Bureau of Land Management (BLM)	U.S. Department of the Interior
Bureau of Reclamation	U.S. Department of the Interior
Department of Geology	University of Montana
Economic Assistance Division	Montana Department of Social and Rehabilitation Services (SRS)
Energy Division	Montana Department of Natural Resources and Conservation (DNRC)
Environmental Library	University of Montana
Farmers Home Administration (FmHA)	U.S. Department of Agriculture
Montana Water Resources Research Center	Montana State University
Occupational Health Bureau	Montana Department of Health and Environmental Sciences (DHES)
Research and Information Bureau	Montana Department of Revenue
Science-Math Resource Center	Montana State University
Solid Waste Management Bureau	Montana Department of Health and Environmental Sciences (DHES)
Technical Information Center	U.S. Department of Energy
Geological Survey (USGS)	U.S. Department of the Interior
Water Quality Bureau	Montana Department of Health and Environmental Sciences (DHES)
Water Resources Division	Montana Department of Natural Resources and Conservation (DNRC)

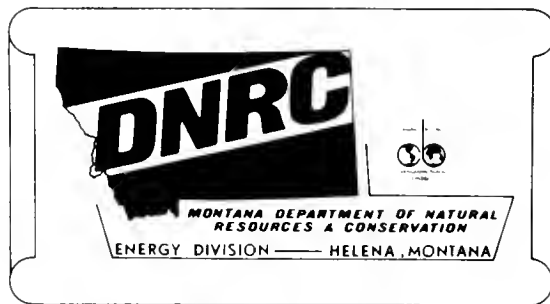
APPENDIX H

LISTING OF ENERGY INFORMATION CENTERS

Free energy publications are available at Energy Information Centers throughout Montana. The project is being conducted by the Montana Cooperative Extension Service and the Energy Division of the Montana Department of Natural Resources and Conservation. It is funded by the Bonneville Power Administration and the U.S. Department of Energy.

Anaconda—Courthouse
Baker—Extension Office
Big Timber—Public Library
Billings—Courthouse
Boulder—Courthouse
Bozeman—Courthouse
Broadus—Courthouse
Butte—Courthouse
Chester—County Public Library
Chinook—Library
Choteau—Library
Circle—McCone County Extension Office
Columbus—Courthouse
Conrad—Pondera County Extension Service
Culbertson—USDA County Building
Cut Bank—Courthouse
Deer Lodge—Courthouse
Dillon—Courthouse
Ekalaka—Courthouse
Eureka—True Value Hardware
Forsyth—Courthouse
Fort Benton—Courthouse
Glasgow—Courthouse
Glendive—Courthouse
Great Falls—Courthouse
Hamilton—Courthouse
Hardin—Courthouse
Harlem—Library
Harlowton—Library
Havre—Courthouse
Helena—Courthouse

Helena—Extension Office
Hot Springs—Post Office
Hysham—Courthouse
Jordan—Old Grade School Building
Kalispell—Courthouse—3rd floor
Lewistown—Courthouse
Libby—Public Library
Livingston—Courthouse
Malta—Public Library
Miles City—Courthouse
Missoula—City/County Library
Montana State University
Noxon—Post Office
Philipsburg—Courthouse
Plentywood—Courthouse
Polson—Courthouse
Red Lodge—Courthouse
Roundup—Courthouse
Ryegate—Courthouse
Scobey—Courthouse
Shelby—Courthouse
Sidney—Public Library
Stanford—Courthouse
Superior—Mineral County Extension Office
Thompson Falls—Post Office
Townsend—Extension Office
Virginia City—Courthouse
White Sulphur Springs—First National Bank
Wibaux—Post Office
Winnett—Courthouse
Wolf Point—Courthouse



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